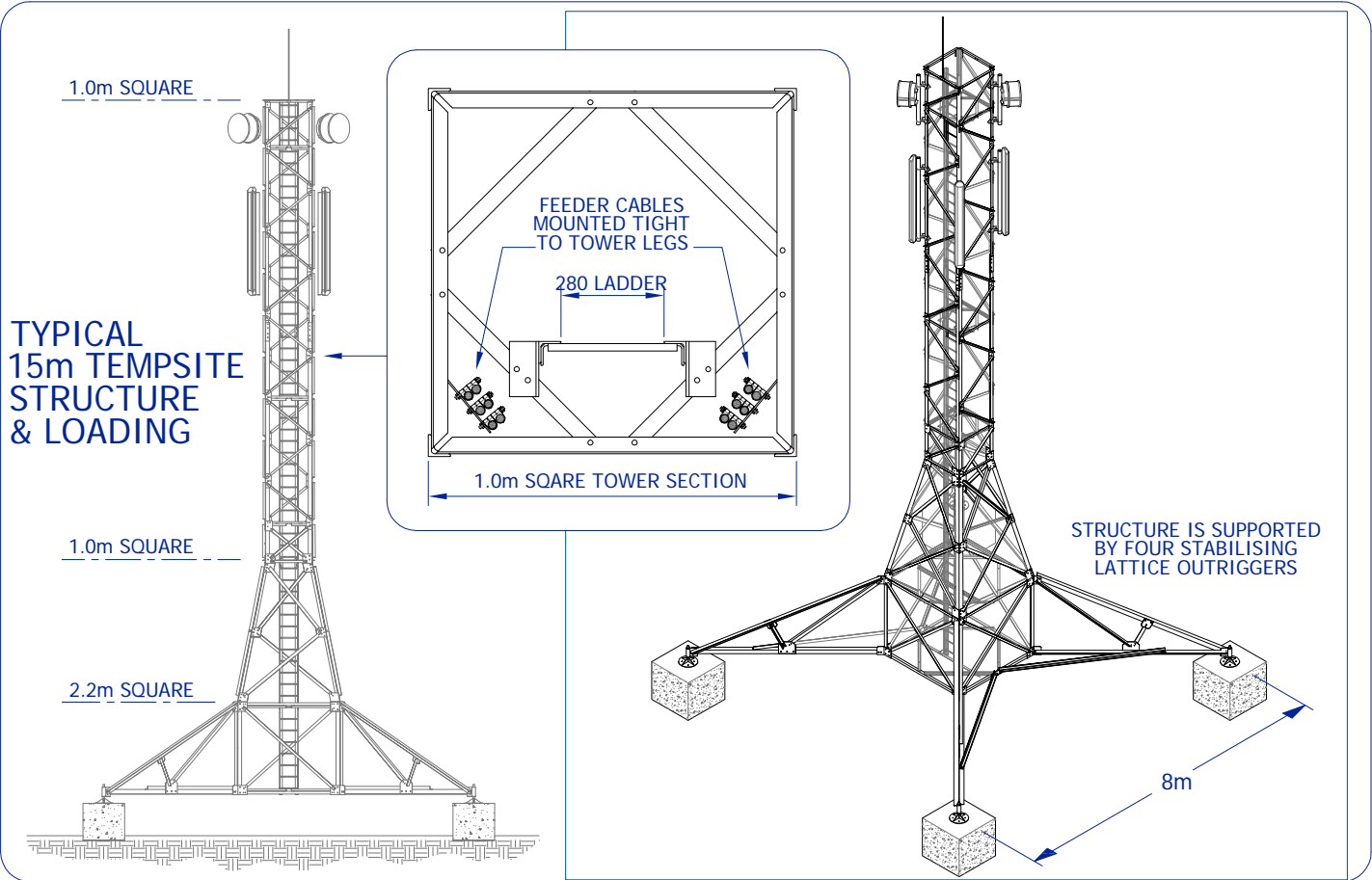


STRUCTURES DATASHEET

15m TEMPSITE RDS - Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	RAPID DEPLOYMENT	CONSTRUCTION	STEEL ANGLE
MAIN APPLICATION	CELLULAR & LIGHT BROADCAST	DESIGN STEEL GRADE	SS400 & SS540
PLAN SHAPE	SQUARE	TYPICAL LOADING	3 x GSM, 2 x Dishes
ELEVATION SHAPE	PARALLEL WITH TAPER BASE	SITESHARE CAPACITY	YES
BUILD HEIGHT	15m	UTILISED DESIGN CODES	CP3, BS.5950
FINISH	GALVANISED TO BS.EN.ISO.1461	MIN. GBP REQUIREMENT	30 kN/m ²

ATTRIBUTES

Quick to erect, with minimal ground preparation, giving significantly shorter time to `on-air` than conventionally based structures.
 All-steel structure with minimal concrete required - ideal for remote areas
 Relocatable, with 100% re-use of steel structure.

PRODUCT DESCRIPTION

The Tempsite incorporates a multi-purpose, four-legged structure, with angle legs and angle bracings in all panels. This fast-installation, universal solution provides a temporary facility, especially during high-pressure GSM rollouts. In such this system will help to facilitate cashflow, and to meet tight contractual schedules.
 The `Tempsite` structure has been designed for use in conjunction with an external type BTS unit, or a separately deployed BTS shelter. As the structure does not rely on mass concrete, all other equipment can be installed immediately the tower assembly is completed. There is no delay period waiting for foundation concrete to harden, or for foundation approvals.
 `Tempsite` can be transported on an 8 ton truck to remote areas, and can be assembled within 6 hours.

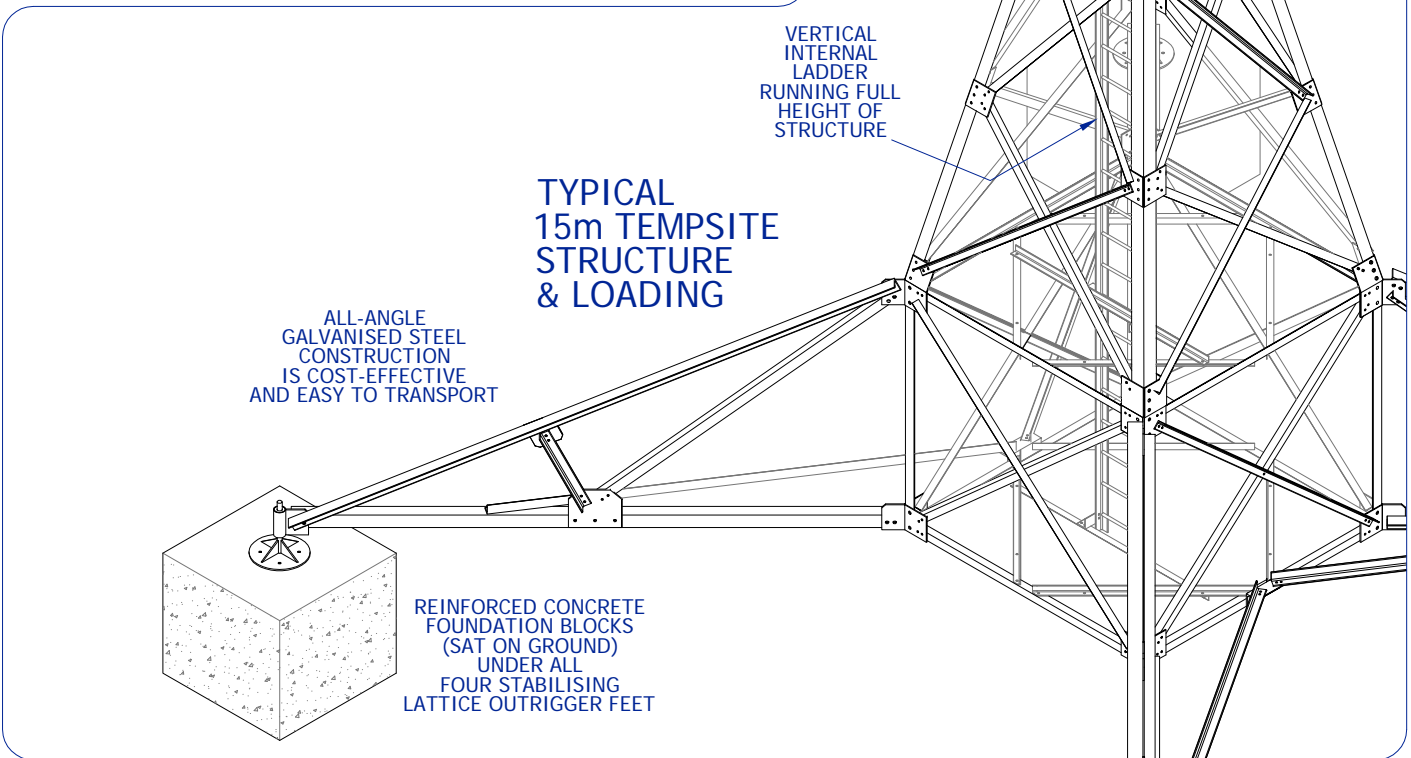
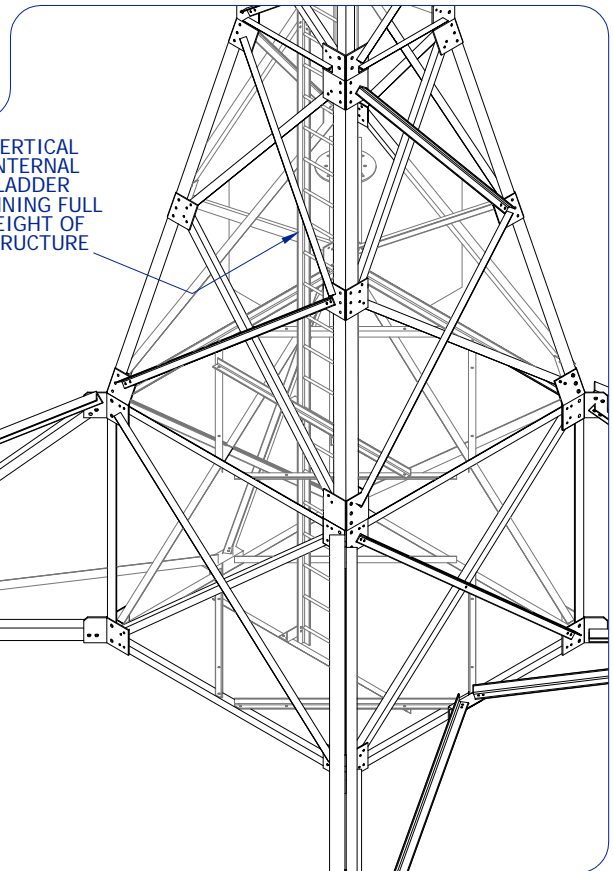
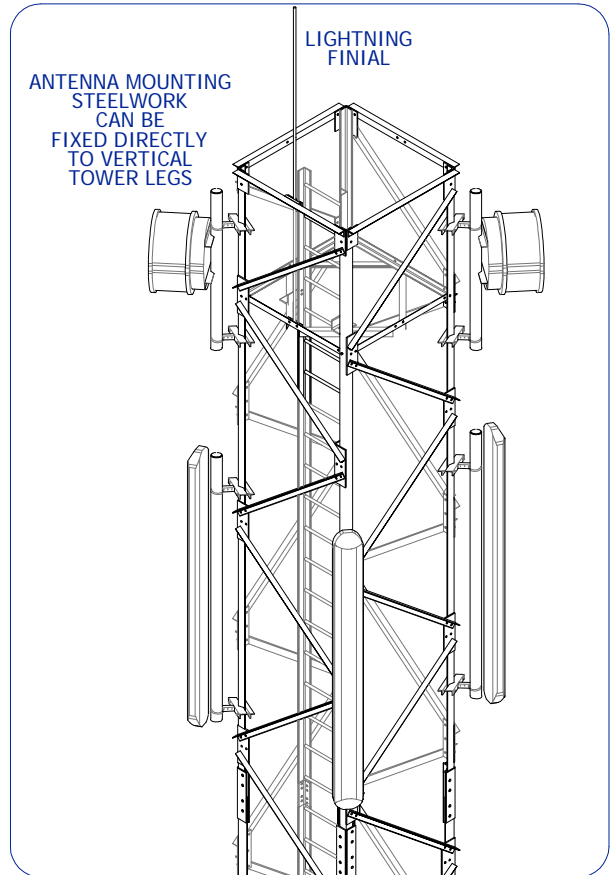
Datasheet Number SDS_RDS_TMT15_001 Rev.B

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STRUCTURES DATASHEET
15m TEMPSITE RDS - Features



15m
 TEMPSITE
 RDS
 STRUCTURE



Datasheet Number SDS_RDS_TMT15_001 Rev.B

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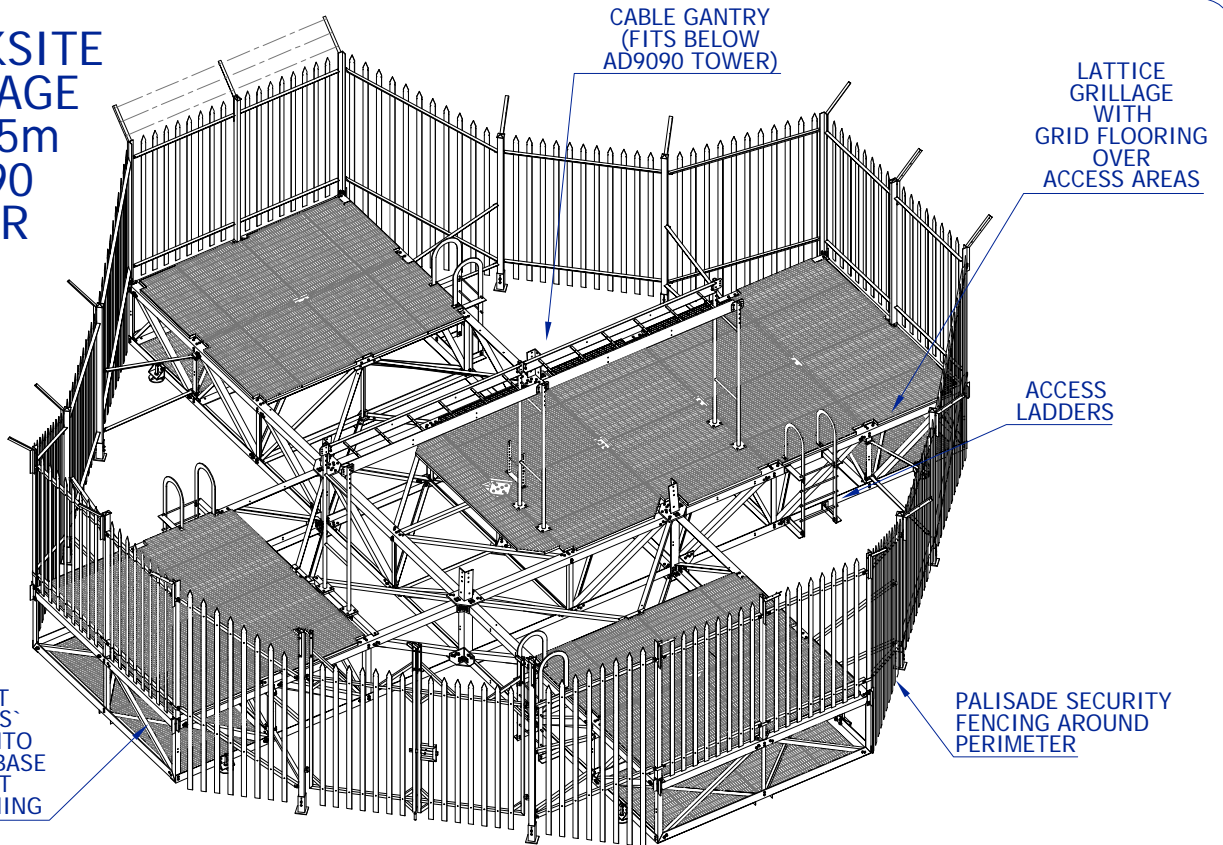
Africa • Americas • Asia Pacific • Europe • Middle East

STRUCTURES DATASHEET

35@30 QUICKSITE RDS - Overview



QUICKSITE GRILLAGE FOR 35m AD9090 TOWER



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	RAPID DEPLOYMENT	CONSTRUCTION	STEEL ANGLE
MAIN APPLICATION	CELLULAR & LIGHT BROADCAST	DESIGN STEEL GRADE	SS400
PLAN SHAPE	SQUARE (AD9090 F BASE TOWER)	TYPICAL LOADING	2m ² @ 24m & 27m, 4.5m ² @ 39m Design Windspeed = 30m/s
ELEVATION SHAPE	TAPERED (AD9090 F BASE TOWER)	SITESHARE CAPACITY	YES
BUILD HEIGHT	35m AD9090H TOWER	UTILISED DESIGN CODES	CP3, BS.5950
FINISH	GALVANISED TO BS.EN.ISO.1461	MIN. GBP REQUIREMENT	35 KN/m ²

ATTRIBUTES

Quick to erect, with minimal ground preparation, giving significantly shorter time to `on-air` than conventionally based structures.
 All-steel structure with minimal concrete required - ideal for remote areas
 Grillage base supports tower and all equipment, held inside an integral fenced compound.
 Relocatable, with 100% re-use of structure.

PRODUCT DESCRIPTION

The AD9090 tower is a multi-purpose, four-legged structure, with angle legs and angle bracings in all panels (`A` to `F`).
 The Quicksite grillage base is a fast-installation, universal alternative to a conventional concrete foundation. It is intended for use on remote sites with low ground bearing pressure where bulk supplies of good quality concrete for deep foundations are difficult or impossible to obtain economically. As the foundation does not rely on mass concrete, the tower, cabin(s) and other equipment can be installed immediately the grillage assembly is completed. There is no delay period waiting for concrete to harden, or for foundation approvals.
 Kentledge can be either stone fill, or (with geotextile box liners) almost any locally excavated subsoil.

Datasheet Number SDS_RDS_QS35_001 Rev.C

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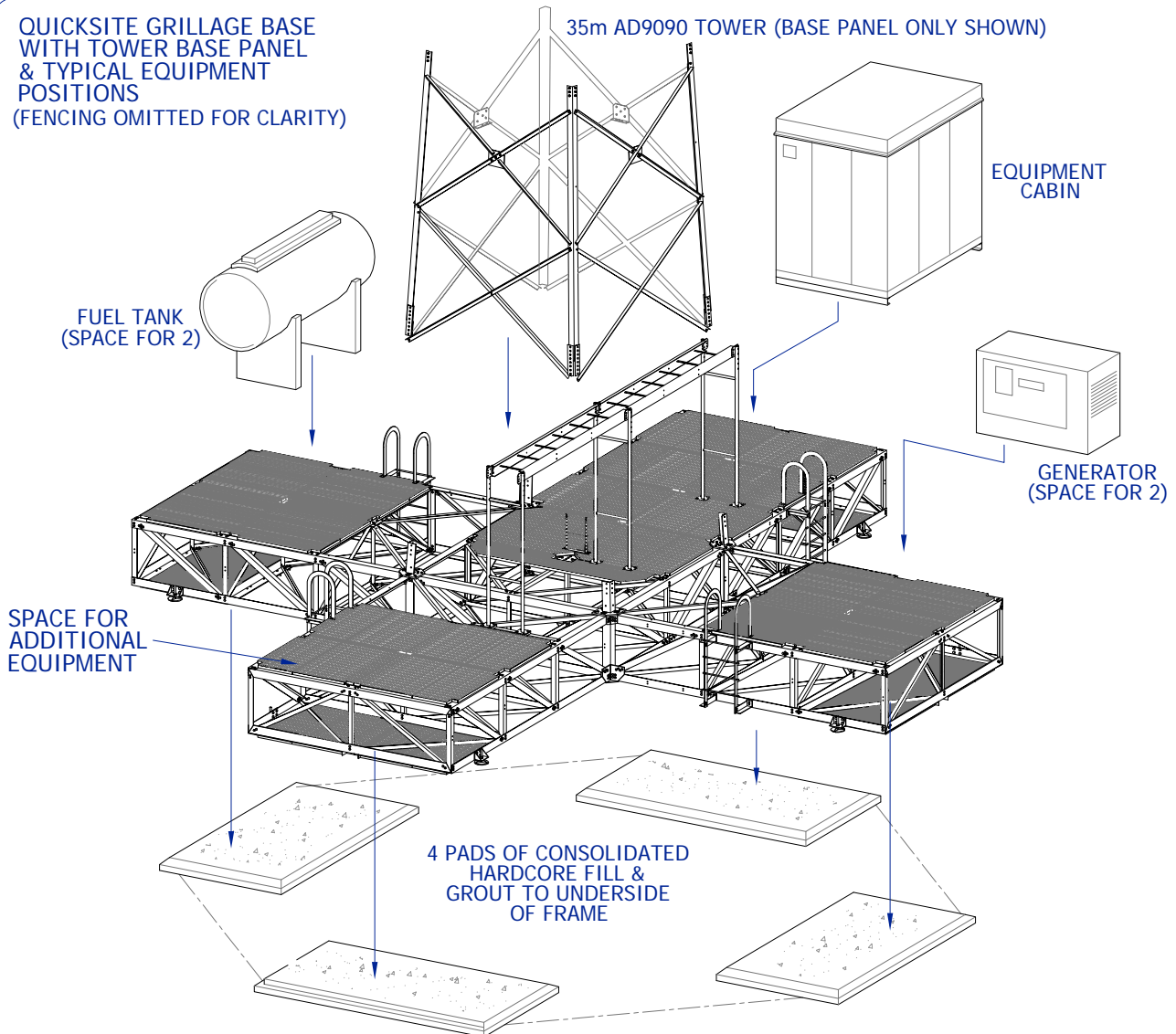
Africa - Americas - Asia Pacific - Europe - Middle East

STRUCTURES DATASHEET

35@30 QUICKSITE RDS - Features



QUICKSITE GRILLAGE BASE WITH TOWER BASE PANEL & TYPICAL EQUIPMENT POSITIONS
(FENCING OMITTED FOR CLARITY)



ALL EQUIPMENT UNITS POSITIONED ON GRILLAGE BASE, INSIDE SECURITY FENCING.
QUICKSITE INSTALLATION HAS A FOOTPRINT OF APPROXIMATELY 12.5m SQUARE.

Datasheet Number SDS_RDS_QS35_001 Rev.C



QUICKSITE GRILLAGE BASE WITH TOWER & EQUIPMENT (FENCING NOT SHOWN)



AD9090 TOWER ON QUICKSITE GRILLAGE BASE

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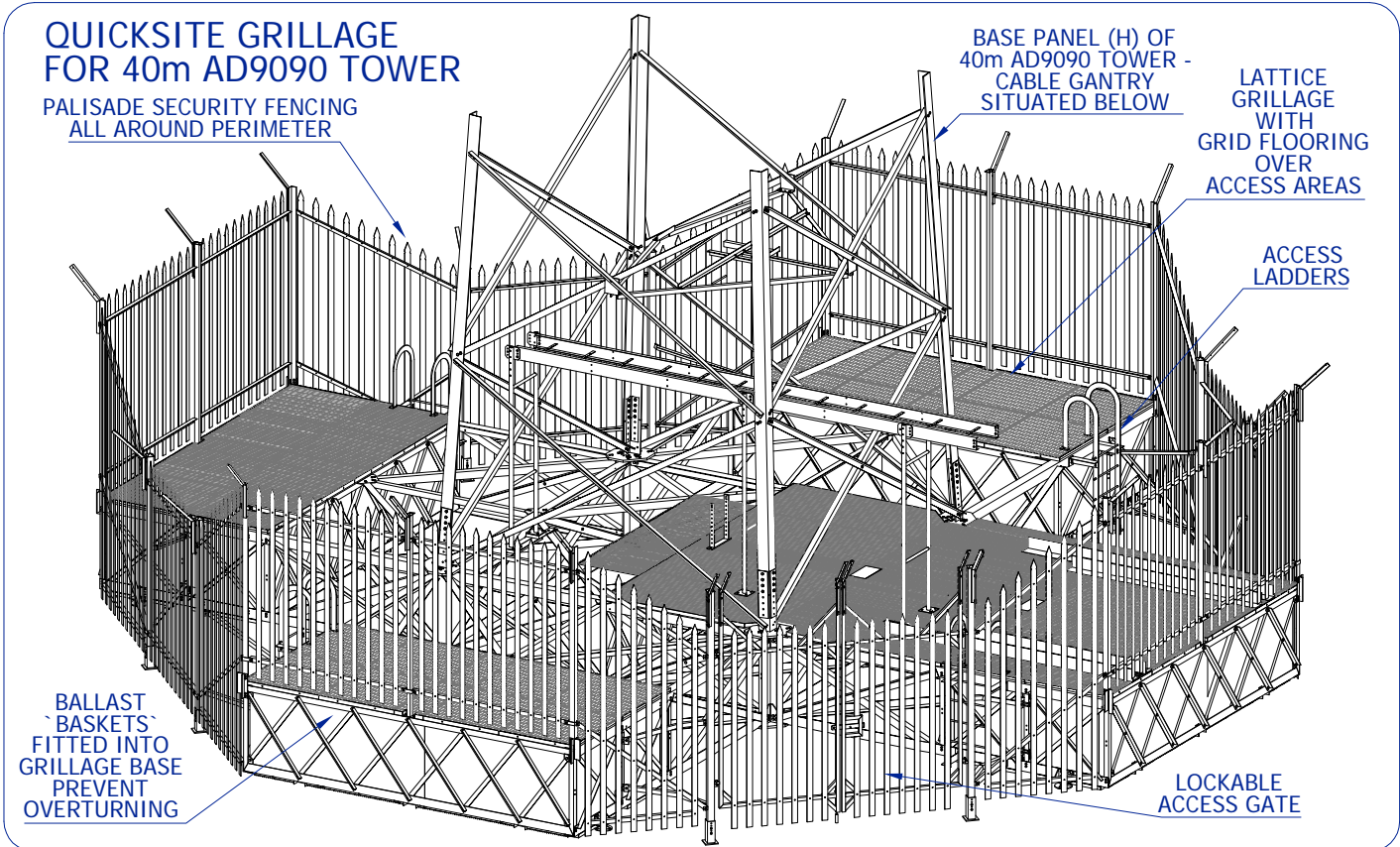
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STRUCTURES DATASHEET

40@40 QUICKSITE RDS - Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	RAPID DEPLOYMENT
MAIN APPLICATION	CELLULAR & LIGHT BROADCAST
PLAN SHAPE	SQUARE (AD9090 H BASE TOWER)
ELEVATION SHAPE	TAPERED (AD9090 H BASE TOWER)
BUILD HEIGHT	40m AD9090H TOWER
FINISH	GALVANISED TO BS.EN.ISO.1461

CONSTRUCTION	STEEL ANGLE
DESIGN STEEL GRADE	SS400 & SS540
TYPICAL LOADING	2m ² @ 24m & 27m, 4.5m ² @ 39m Design Windspeed = 40m/s
SITESHARE CAPACITY	YES
UTILISED DESIGN CODES	CP3, BS.5950
MIN. GBP REQUIREMENT	40 KN/m ²

ATTRIBUTES

- Quick to erect, with minimal ground preparation, giving significantly shorter time to `on-air` than conventionally based structures.
- All-steel structure with minimal concrete required - ideal for remote areas
- Grillage base supports tower and all equipment, held inside an integral fenced compound.
- Relocatable, with 100% re-use of structure.

PRODUCT DESCRIPTION

The AD9090 tower is a multi-purpose, four-legged structure, with angle legs and angle bracings in all panels (`A` to `H`).

The Quicksite grillage base is a fast-installation, universal alternative to a conventional concrete foundation. It is intended for use on remote sites with low ground bearing pressure where bulk supplies of good quality concrete for deep foundations are difficult or impossible to obtain economically. As the foundation does not rely on mass concrete, the tower, cabin(s) and other equipment can be installed immediately the grillage assembly is completed. There is no delay period waiting for concrete to harden, or for foundation approvals.

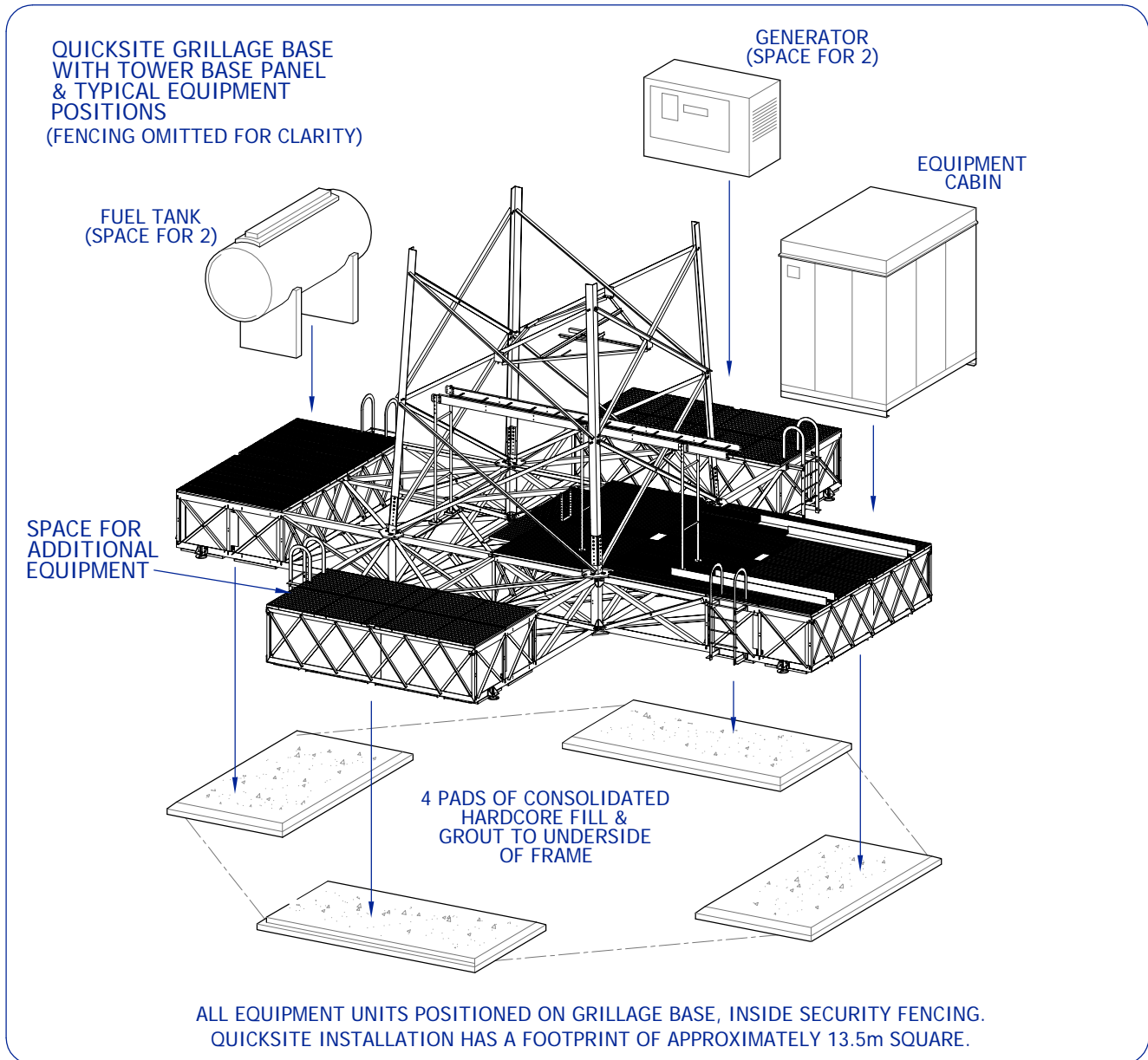
Kentledge can be either stone fill, or (with geotextile box liners) almost any locally excavated subsoil.

Datasheet Number SDS_RDS_QS40_001 Rev.D

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STRUCTURES DATASHEET

40@40 QUICKSITE RDS - Features



Datasheet Number SDS_RDS_QS40_001 Rev.D



QUICKSITE GRILLAGE BASE WITH TOWER & TYPICAL EQUIPMENT IN POSITION FENCING NOT SHOWN



AD9090H TOWER ON QUICKSITE GRILLAGE BASE



QUICKSITE GRILLAGE BASE: BALLAST 'BASKET' IN POSITION SHOWN WITH NON-INTEGRAL FENCE

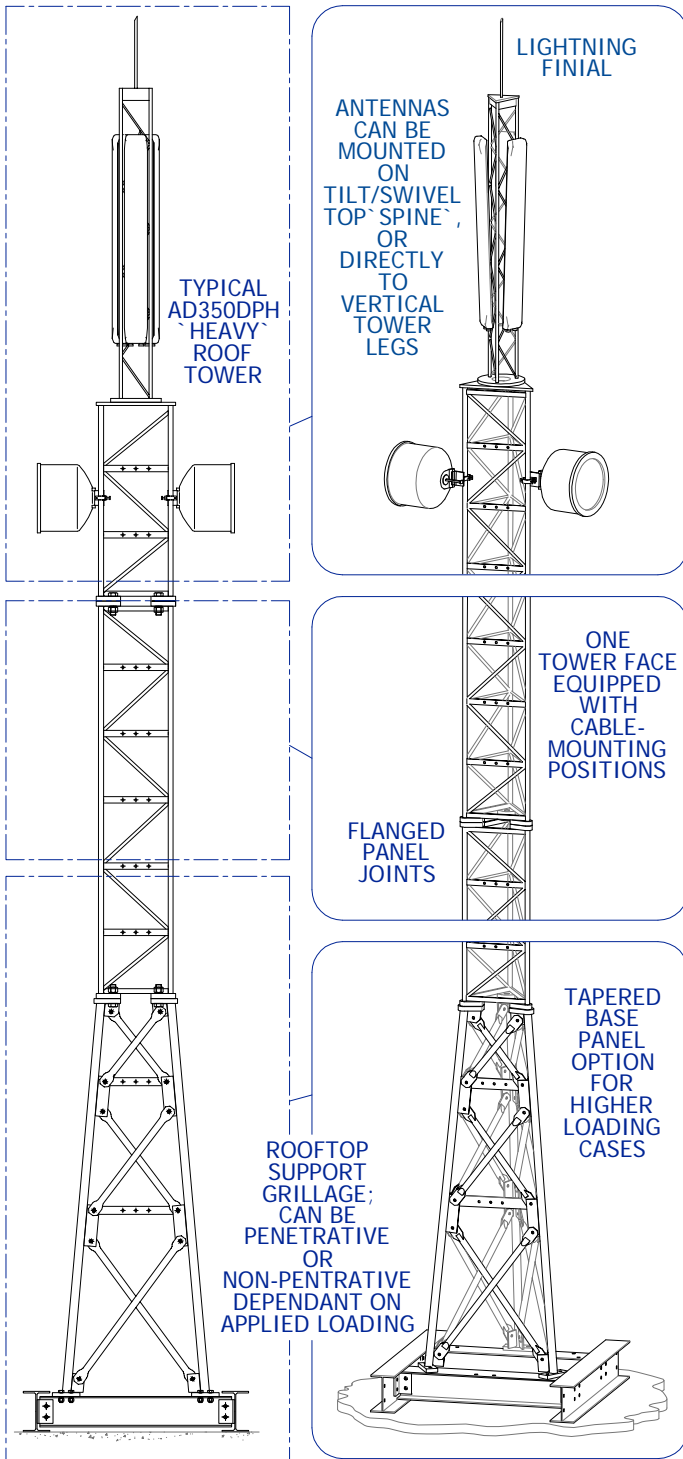
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STRUCTURE TECHNICAL SUMMARY

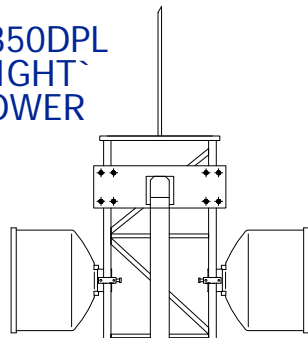
CLASSIFICATION	ROOFTOP TOWER
MAIN APPLICATION	CELLULAR / LIGHT MICROWAVE
PLAN SHAPE	TRIANGULAR
ELEVATION SHAPE	PARALLEL
MAXIMUM BUILD HEIGHT	9m
FACEWIDTH	350mm
PLATFORM SPACING	N/A
ACCESS CONFIGURATION	FACE CLIMBING
LEG SECTION	ROD
BRACE SECTION	ROD
DESIGN STEEL GRADE	S275 & S355
TYPICAL LOADING	SINGLE-CELL; CELLULAR / LIGHT MICROWAVE
SITESHARE CAPACITY	NO
UTILISED DESIGN CODES	BS.8100
FINISH	GALVANISED TO BS.EN.ISO.1461
ATTRIBUTES	<p>A largely weld-construction lattice structure designed as a dedicated universal lightweight rooftop tower</p> <p>Can be built in heights from 1m up to 9m.</p> <p>Quick and easy to erect, and can be easily hand-lifted to rooftop sites and erected without a derrick or crane</p>

PRODUCT DESCRIPTION

The AD350 has been designed as a dedicated tower for rooftop applications. Erection of the structure is simple, with largely all-welded panel construction. Tower panels are small and light, making indoor transit to rooftops possible. This lightweight tower can be supplied to meet a variety of loading capacity requirements. A range of optional antenna mounts, rest seats, cable management and fall-arrest products is also available for fitment to the AD350.

Datasheet Number SDS_350_001 Rev.A

AD350DPL
`LIGHT`
TOWER



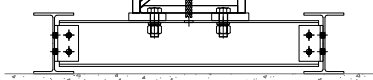
ANTENNAS MOUNTED DIRECTLY TO VERTICAL TOWER LEGS

SLIM VERTICAL-LEGGED PROFILE

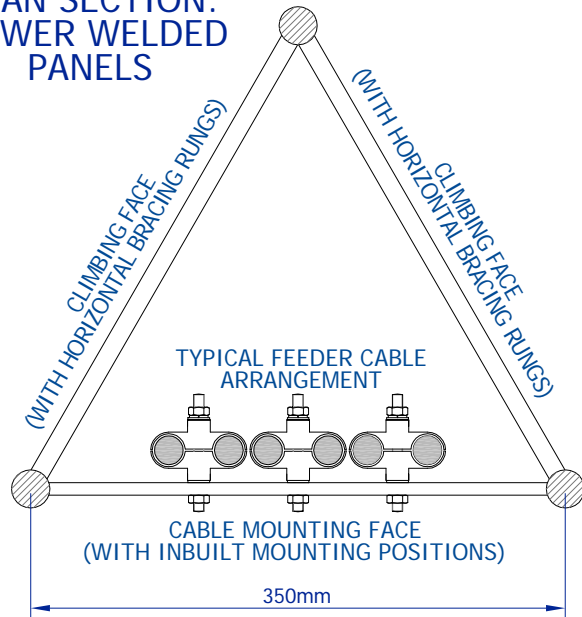
HORIZONTAL BRACING SERVES AS CLIMBING RUNGS

TOWER CLIMBING FACE SHOWN EQUIPPED WITH CABLE-TYPE FALL ARREST SYSTEM

LOAD-SPREADING ROOFTOP SUPPORT GRILLAGE

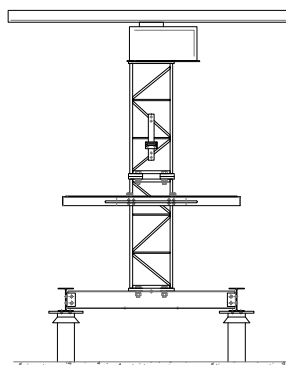


PLAN SECTION:
TOWER WELDED
PANELS

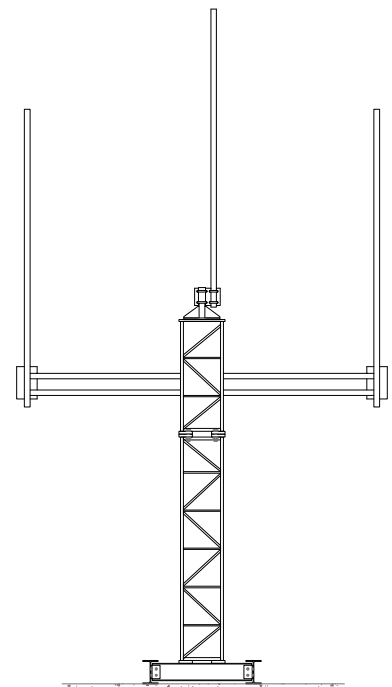


AD350
APPLICATIONS

ANTENNA LOAD CASE VARIATIONS OUTSIDE STANDARD CELLULAR APPLICATIONS



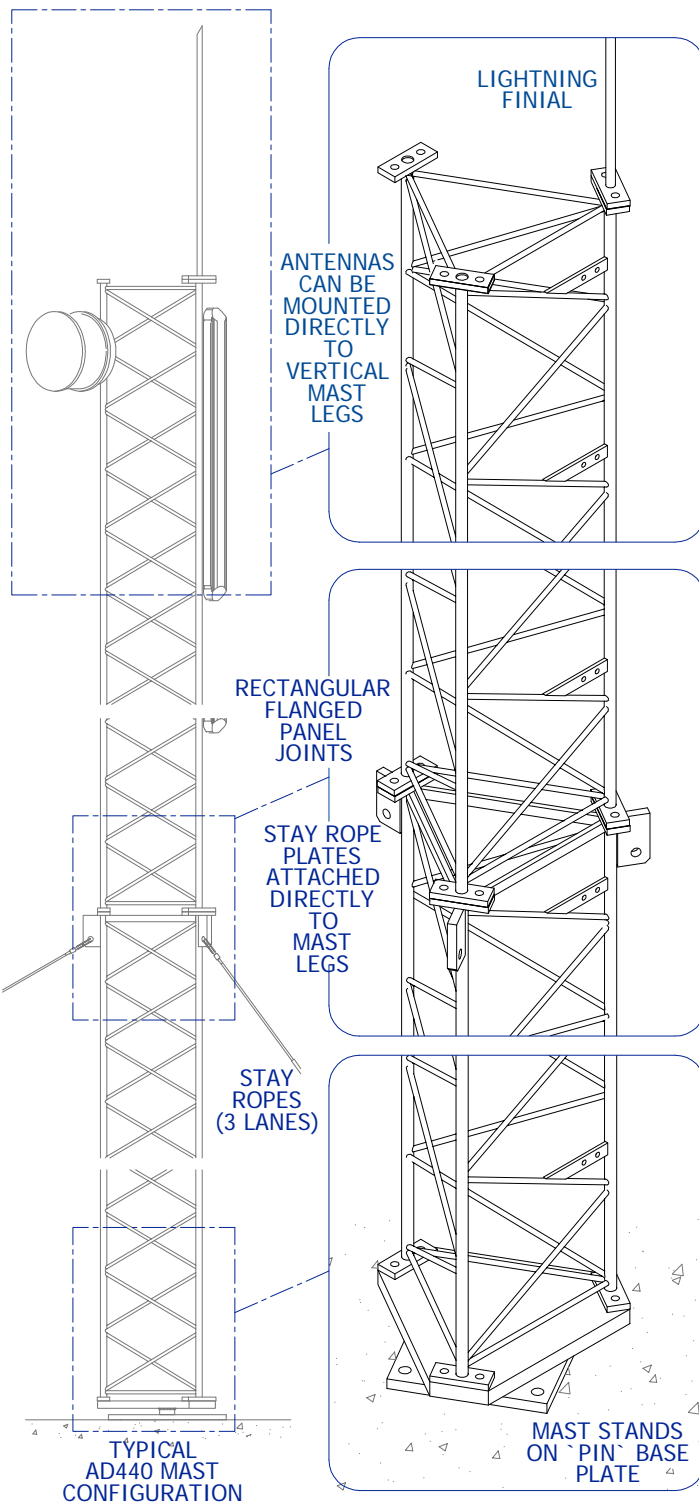
AD350 TOWER CARRYING SURMOUNTED MARINE SCANNER ANTENNA & LOWER MAINTENANCE PLATFORM



AD350 TOWER CARRYING TWIN BOOM-MOUNTED OMNI-DIRECTIONAL ANTENNAS & SINGLE SURMOUNTED OMNI-DIRECTIONAL ANTENNA

STRUCTURES DATASHEET

AD440 MAST - Product Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	MAST
MAIN APPLICATION	CELLULAR / LIGHT BROADCAST / LIGHT MICROWAVE / RADIATOR / ROOFTOP
PLAN SHAPE	TRIANGULAR
ELEVATION SHAPE	PARALLEL
MAXIMUM BUILD HEIGHT	80m
FACEWIDTH	440mm
PLATFORM SPACING	N/A
ACCESS CONFIGURATION	FACE CLIMBING
LEG SECTION	ROD
BRACE SECTION	ROD
DESIGN STEEL GRADE	S275 & S355
TYPICAL LOADING	CELLULAR / LIGHT BROADCAST / LIGHT MICROWAVE / RADIATOR
SITESHARE CAPACITY	NO
UTILISED DESIGN CODES	BS.8100
FINISH	GALVANISED TO BS.EN.ISO.1461
ATTRIBUTES	
Panels available in a range of lengths from 1m up to 6m, giving build height flexibility	
All-welded lattice steel structure can be used as a lightweight guyed mast or rooftop stub tower	
Quick and easy to erect	

PRODUCT DESCRIPTION

The AD440 has been designed as a multi-purpose range of sections for general mast and rooftop tower applications. Panels are available in many steel sizes and grades, which enables global manufacture. Erection of the structure is simple, using a simple derrick. Heavy sections are available for increased loading and feeder capacity requirements.

Datasheet Number SDS_440_001 Rev.B

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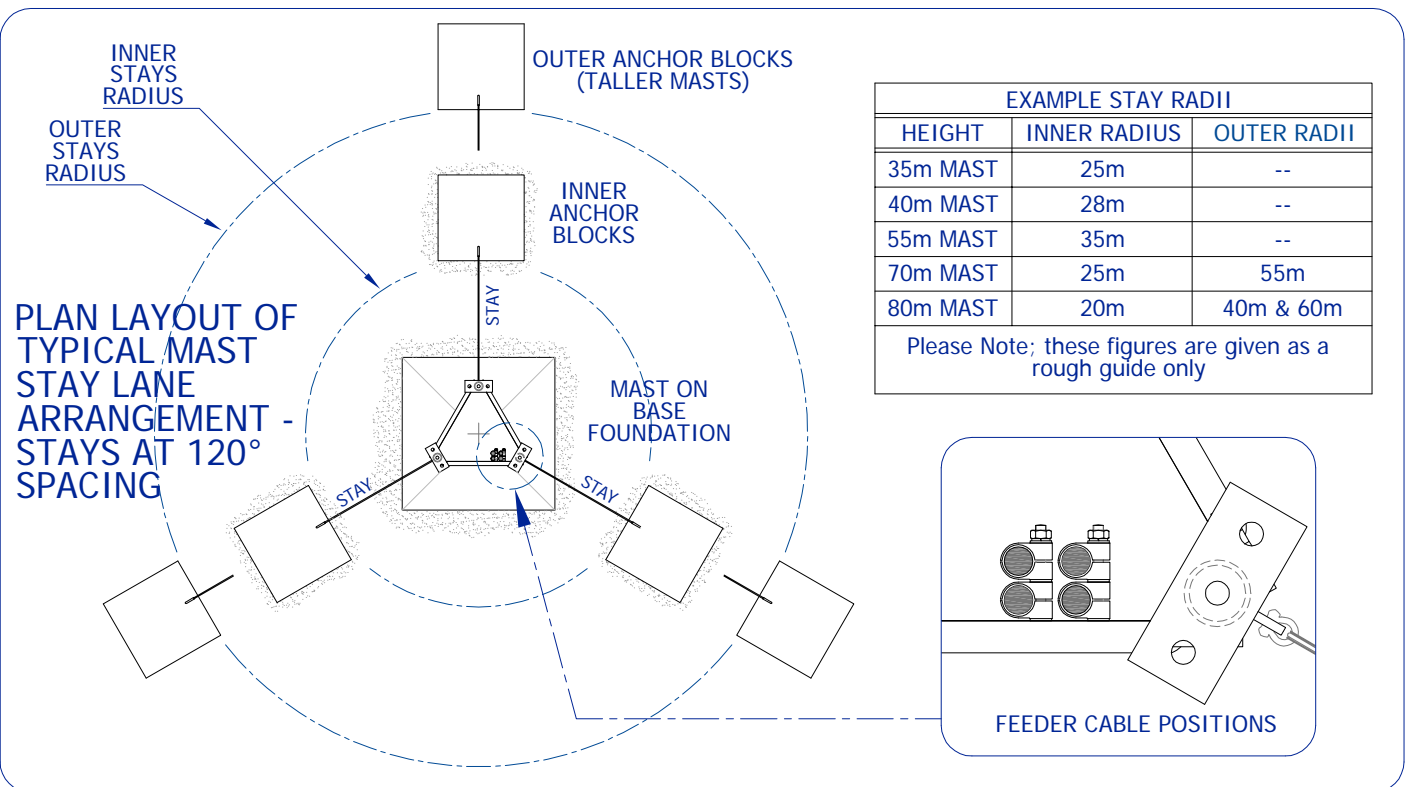
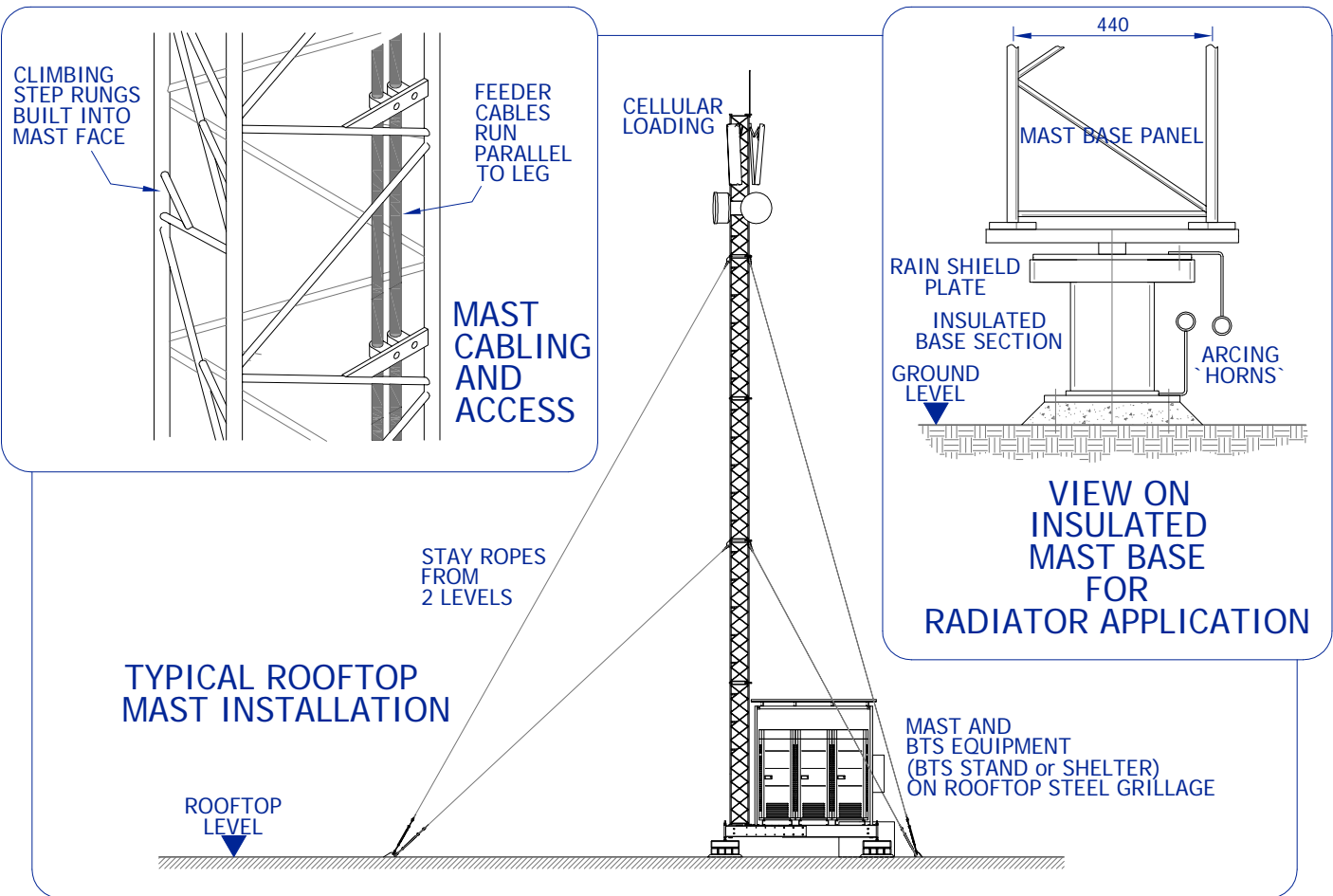
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STRUCTURES DATASHEET

AD440 MAST - Product Overview



Datasheet Number SDS_440_001 Rev.B

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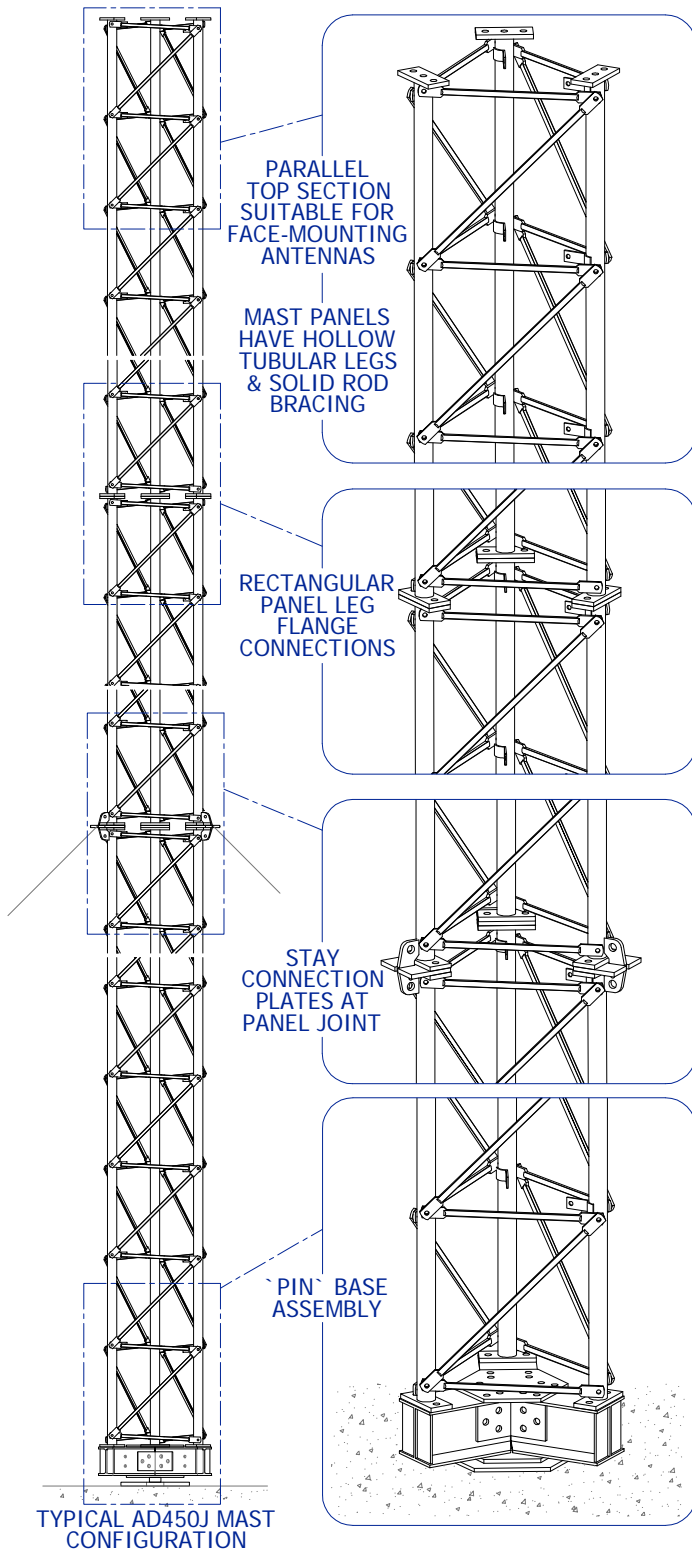
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STRUCTURES DATASHEET

AD450J MAST - Product Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	MAST
MAIN APPLICATION	CELLULAR / MICROWAVE
PLAN SHAPE	TRIANGULAR
ELEVATION SHAPE	PARALLEL
MAXIMUM BUILD HEIGHT	80m
FACEWIDTH	450mm
PLATFORM SPACING	N/A
ACCESS CONFIGURATION	FACE CLIMBING
LEG SECTION	TUBE
BRACE SECTION	SOLID ROUND BAR
DESIGN STEEL GRADE	S275
TYPICAL LOADING	CELLULAR / MICROWAVE
SITESHARE CAPACITY	YES
UTILISED DESIGN CODES	BS.8100
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

- Flat-pack construction enables easy and efficient transportation
- Can be assembled and erected with minimal equipment
- Can be erected quickly in remote areas

PRODUCT DESCRIPTION

The AD450J is a low-profile triangular lattice mast developed for use in remote areas where transport of structure and equipment is difficult. The structure is 'flat-pack', and can be carried and erected with minimal equipment. Furthermore, the AD450J is designed to deflection criteria suitable for microwave links. The structure is fully galvanised, including the internal surfaces of its tubular steel legs. Fabrication is quick and simple, with designs for global manufacture available.

Datasheet Number SDS_450J_001 Rev.B

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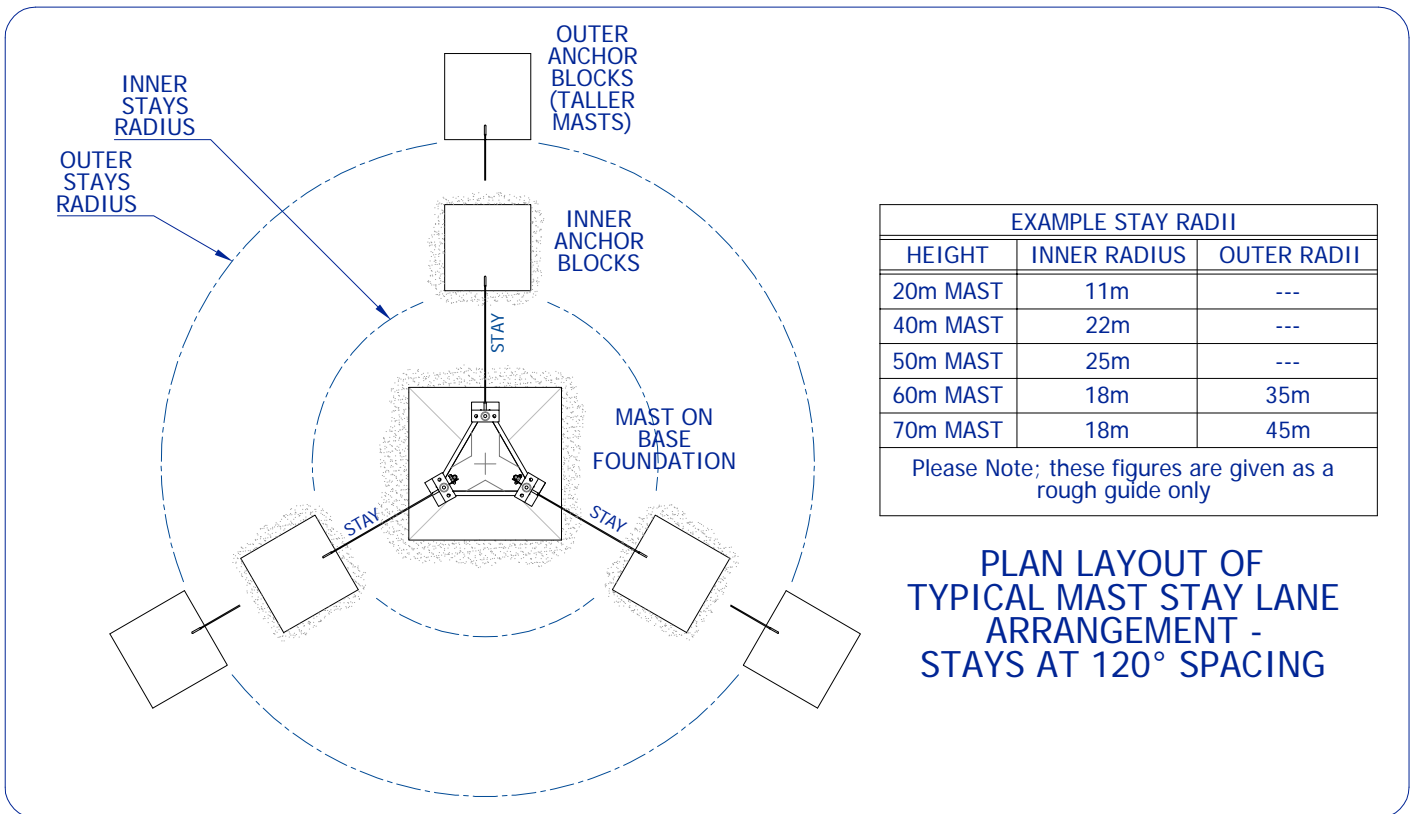
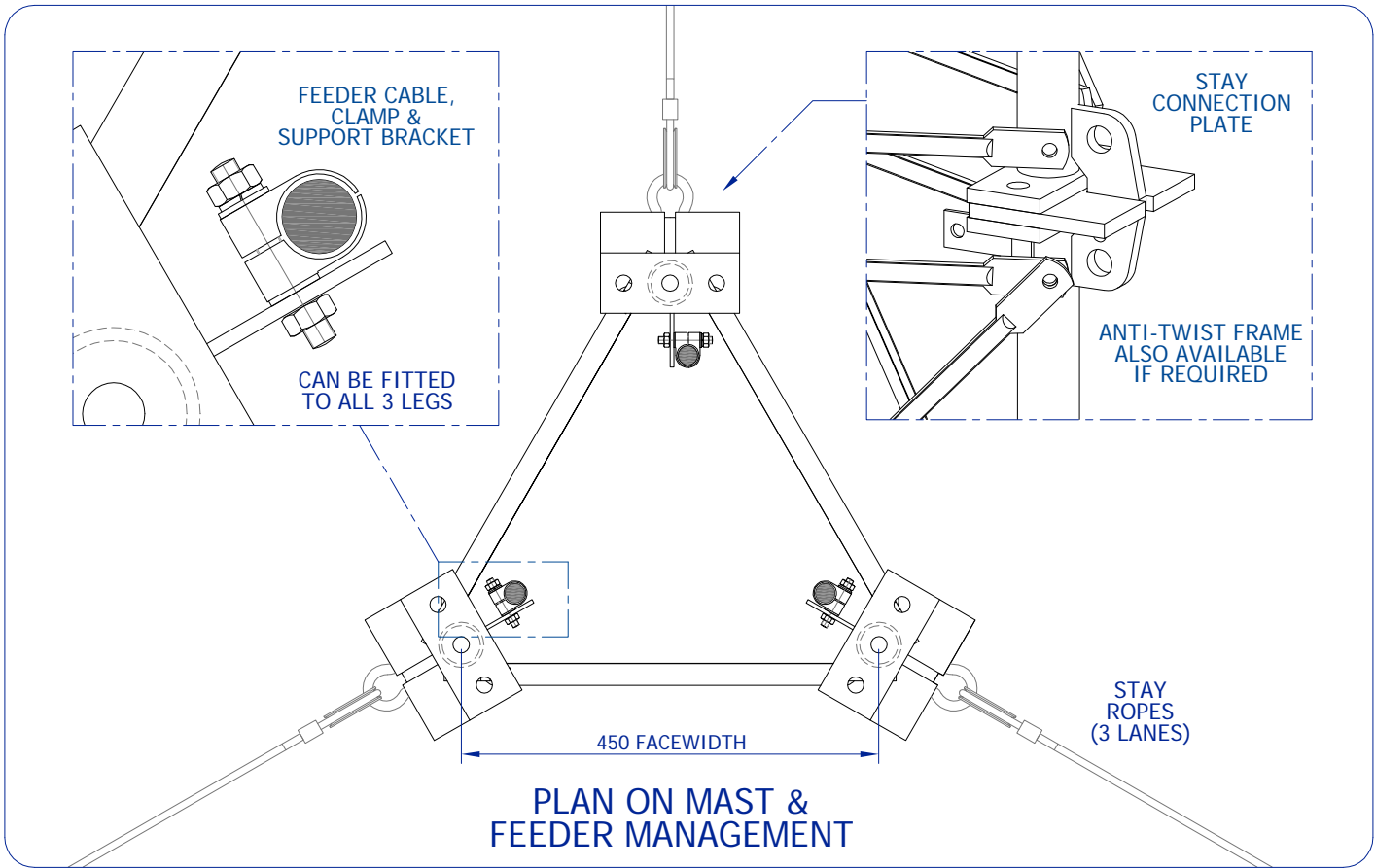
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STRUCTURES DATASHEET

AD450J MAST - Features



Datasheet Number SDS_450J_001 Rev.B

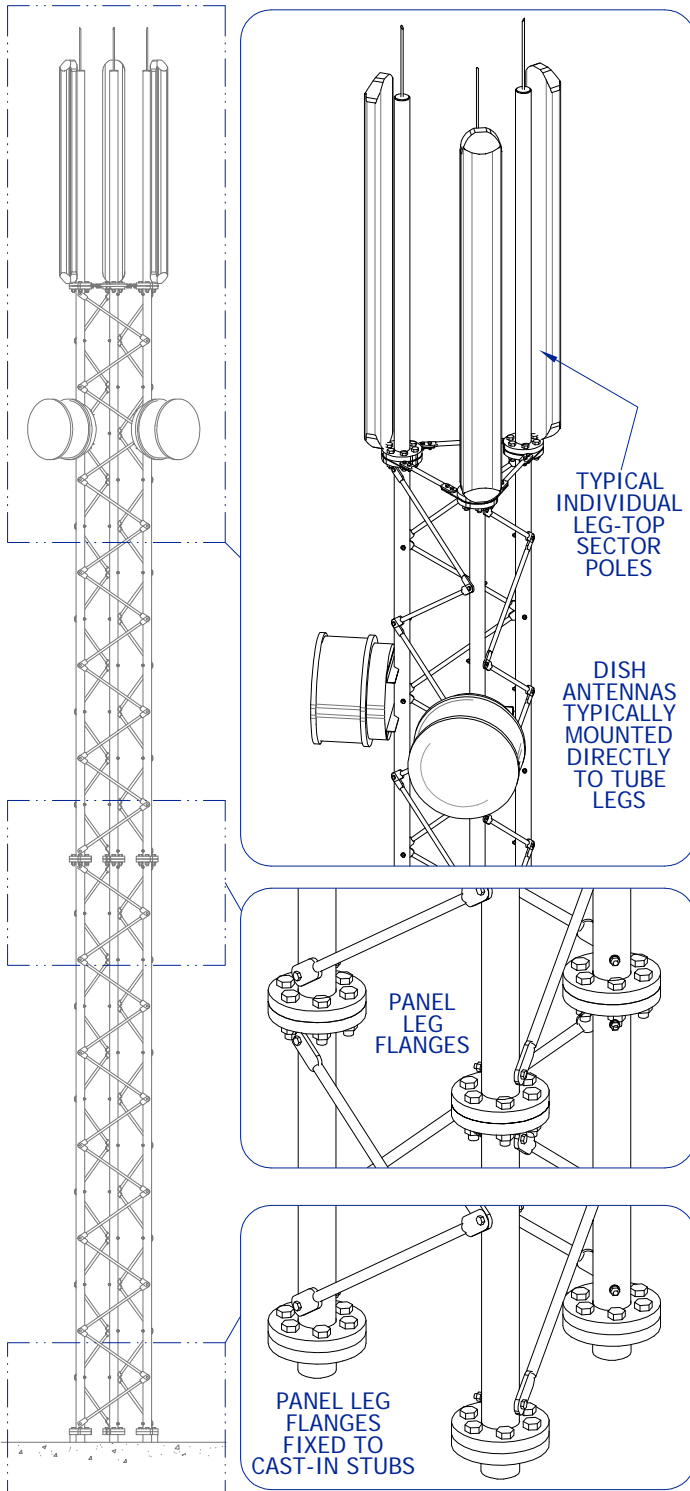
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STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
MAIN APPLICATION	CELLULAR
PLAN SHAPE	TRIANGULAR
ELEVATION SHAPE	PARALLEL
MAXIMUM BUILD HEIGHT	21m
FACEWIDTH	700mm
PLATFORM SPACING	N/A
ACCESS CONFIGURATION	BRACING RUNGS
LEG SECTION	TUBE
BRACE SECTION	ROD
DESIGN STEEL GRADE	S275 & S355 OR EQUIVALENT
TYPICAL LOADING	3 or 6 x GSM, 2 or 4 x ø0.6m DISH
UTILISED DESIGN CODES	BS.8100
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

- LOW VISUAL IMPACT DUE TO SLIM, GUSSETLESS CONSTRUCTION
- HIGH WINDSPEED/LOADING RATIO
- DISCREET BUT ACCESSIBLE FEEDER CABLE POSITIONS

PRODUCT DESCRIPTION

The AD703 is a low-profile triangular lattice tower developed primarily as a low visual impact solution for the worldwide cellular market.

Ideally suited to carry Cross-Polar Antennas, headloading is reduced. This in turn facilitates the tower's slim profile. Furthermore, the AD703 is designed to deflection criteria suitable for microwave links.

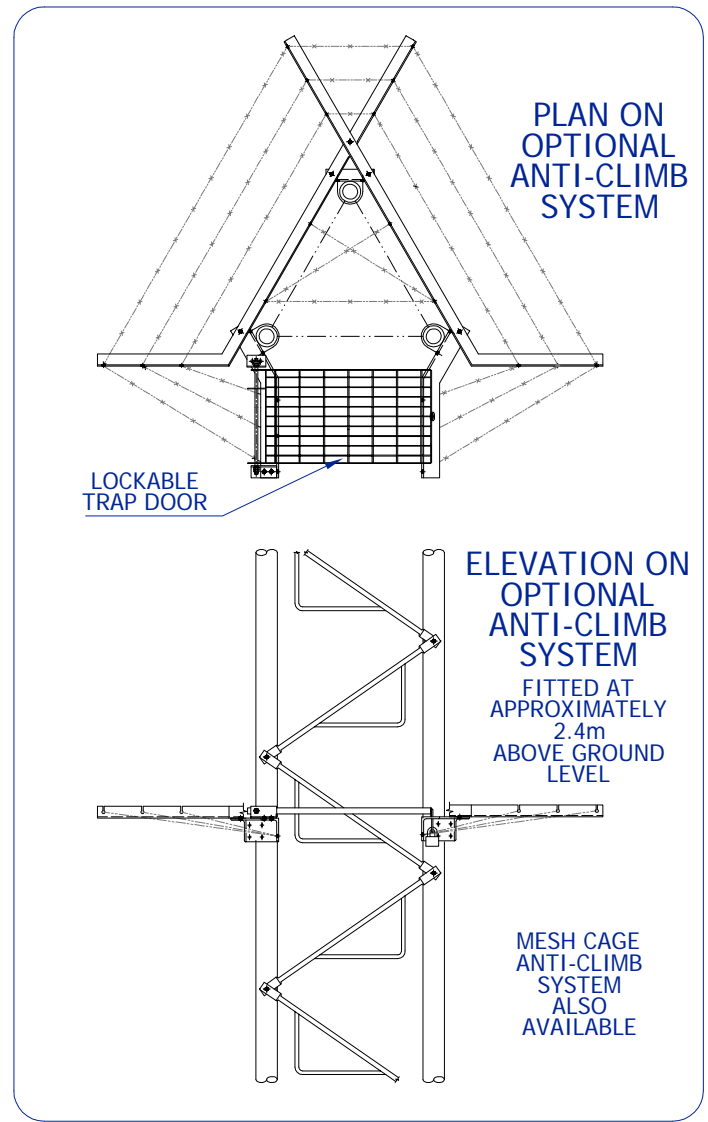
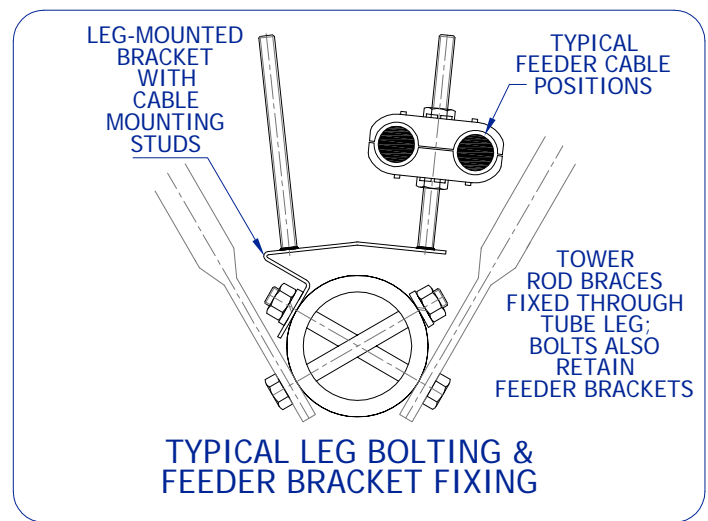
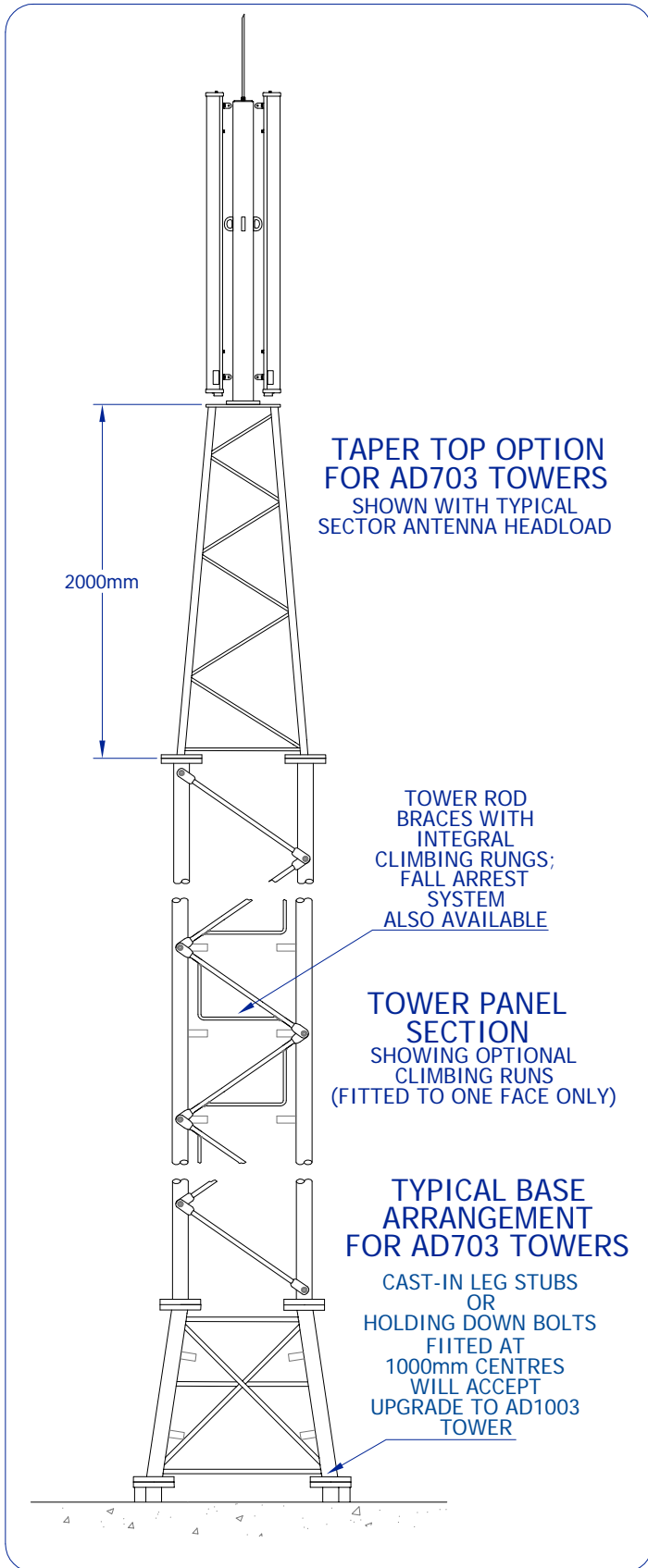
The structure is fully galvanised, including the internal surfaces of its tubular steel legs. Panel modules are 3m or 6m in height. A comprehensive range of ancillary products is available for fitment to this structure, including anti-climb devices, fall-arrest devices, lightning protection systems and mounts for all types of cellular antennas.

The AD703 has proved to be popular with planning authorities, and continues to be employed on a widespread basis by worldwide cellular networks.

Datasheet Number SDS_703_001 Rev.B

STRUCTURES DATASHEET

AD703 TOWER - Features



Datasheet Number SDS_703_001 Rev.B

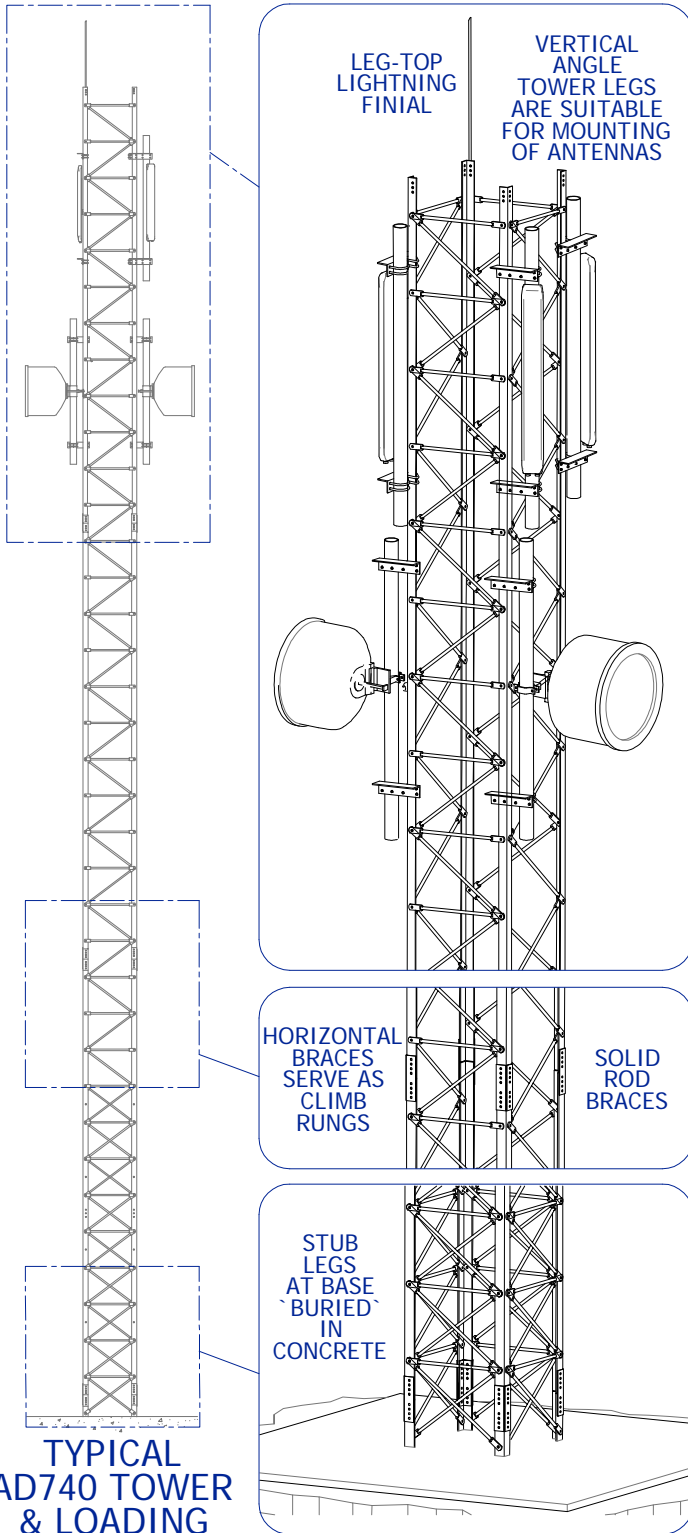
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STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
MAIN APPLICATION	2-USER CELLULAR / MICROWAVE (CAN BE ROOF-MOUNTED)
PLAN SHAPE	SQUARE
ELEVATION SHAPE	PARALLEL
MAXIMUM BUILD HEIGHT	20m
FACEWIDTH	740mm
PLATFORM SPACING	N/A
ACCESS CONFIGURATION	FACE CLIMBING
LEG SECTION	ANGLE
BRACE SECTION	ROD
DESIGN STEEL GRADE	S275 & S355 OR EQUIVALENT
SITESHARE OPTION	YES
UTILISED DESIGN CODES	BS.8100
TYPICAL LOADING	2-USER CELLULAR / MICROWAVE
FINISH	GALVANISED TO BS.EN.ISO.1461
ATTRIBUTES	
Lightweight tower that is equally suited to greenfield and rooftop applications	
Economical manufacture	
Easy to 'flat-pack' for transit to sites and rooftops	
Quick and simple to erect	

PRODUCT DESCRIPTION

The AD740 is a low-profile square lattice tower developed primarily as a low visual impact solution for the worldwide cellular market. It is ideally suited to carry Cross-Polar Antennas, but is also designed to deflection criteria suitable for microwave links. The structure is fully galvanised, and panel modules vary from 2.5m to 6m in height. A comprehensive range of ancillary products is available for fitment to this structure, including anti-climb devices, fall-arrest devices, lightning protection systems and mounts for all types of cellular antennas. The AD740 has proved to be popular with planning authorities, and continues to be employed on a widespread basis by worldwide cellular networks.

Datasheet Number SDS_740_001 Rev.A

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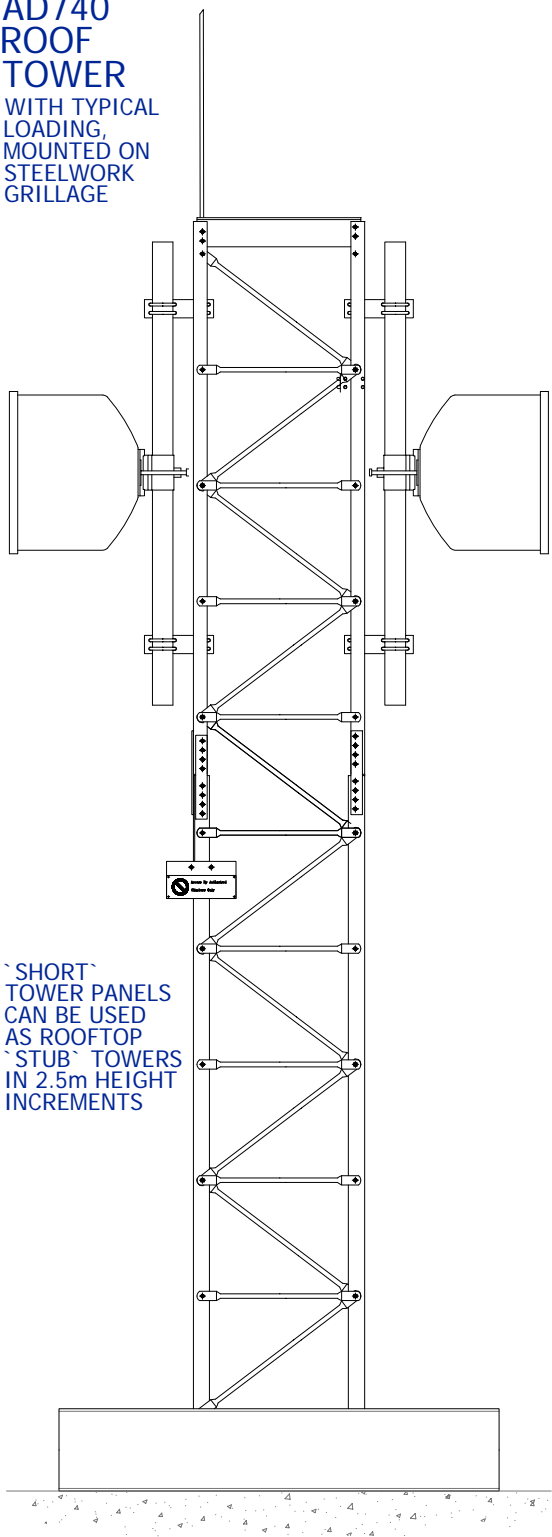
STRUCTURES DATASHEET

AD740 TOWER - Features



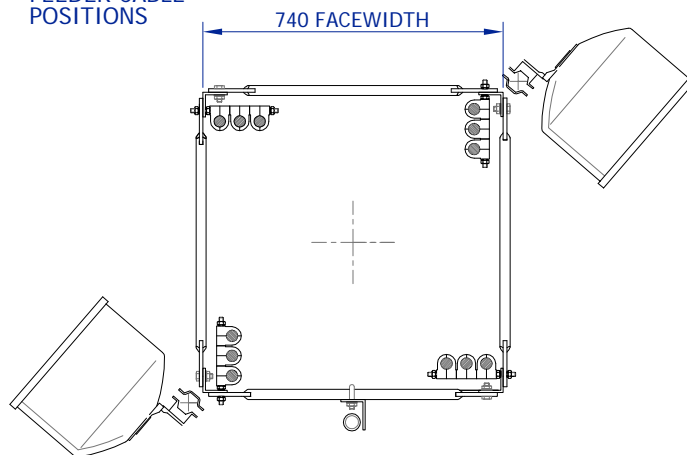
AD740 ROOF TOWER

WITH TYPICAL
LOADING,
MOUNTED ON
STEELWORK
GRILLAGE



TOWER PLAN

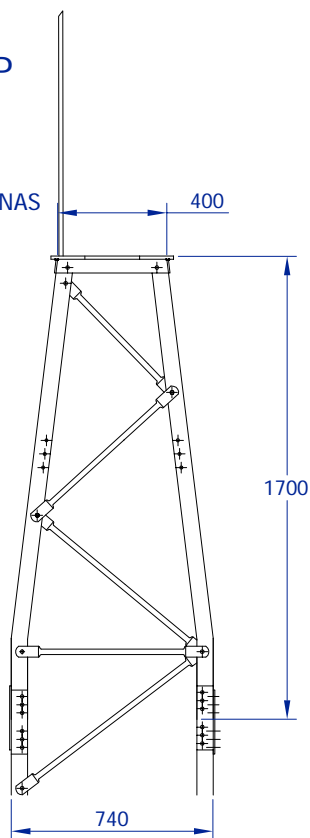
WITH TYPICAL
LOADING &
FEEDER CABLE
POSITIONS



FALL ARREST SYSTEM
CAN BE FITTED TO
BRACES AT THE CENTRE
OF THE CLIMBING FACE

OPTIONAL TAPERED TOP PANEL

AVAILABLE WITH
MOUNTING
FACILITY FOR
ADDITIONAL ANTENNAS
ON TOP PLATE



Datasheet Number SDS_740_001 Rev.A

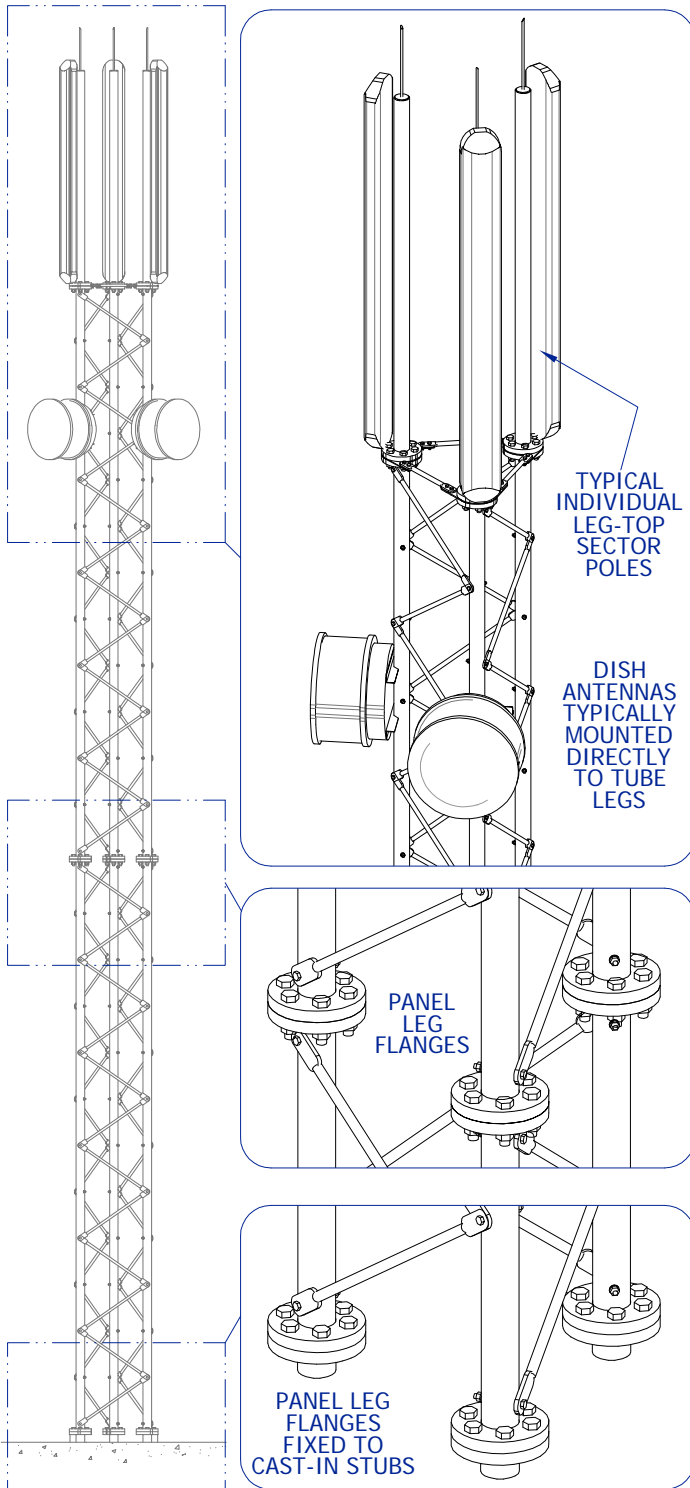
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STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
MAIN APPLICATION	CELLULAR
PLAN SHAPE	TRIANGULAR
ELEVATION SHAPE	PARALLEL
MAXIMUM BUILD HEIGHT	30m
FACEWIDTH	1000mm
PLATFORM SPACING	N/A
ACCESS CONFIGURATION	BRACING RUNGS
LEG SECTION	TUBE
BRACE SECTION	ROD
DESIGN STEEL GRADE	S275 & S355 OR EQUIVALENT
TYPICAL LOADING	3 or 6 x GSM, 2 or 4 x ø0.6m DISH
UTILISED DESIGN CODES	BS.8100
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

- LOW VISUAL IMPACT DUE TO SLIM, GUSSETLESS CONSTRUCTION
- HIGH WINDSPEED/LOADING RATIO
- DISCREET BUT ACCESSIBLE FEEDER CABLE POSITIONS

PRODUCT DESCRIPTION

The AD1003 is a low-profile triangular lattice tower developed primarily as a low visual impact solution for the worldwide cellular market.

Ideally suited to carry Cross-Polar Antennas, headloading is reduced. This in turn facilitates the tower's slim profile.

Furthermore, the AD1003 is designed to deflection criteria suitable for microwave links.

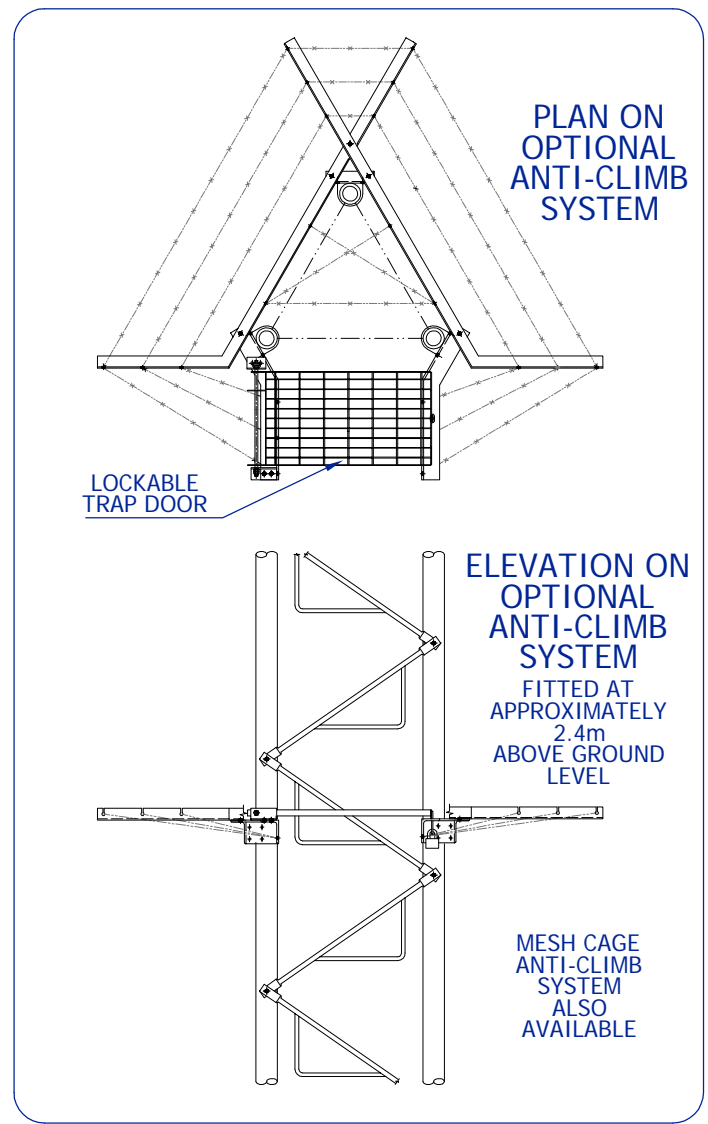
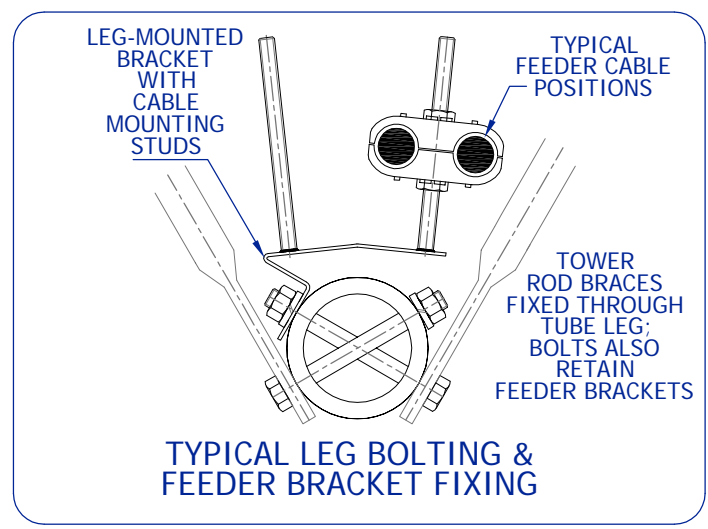
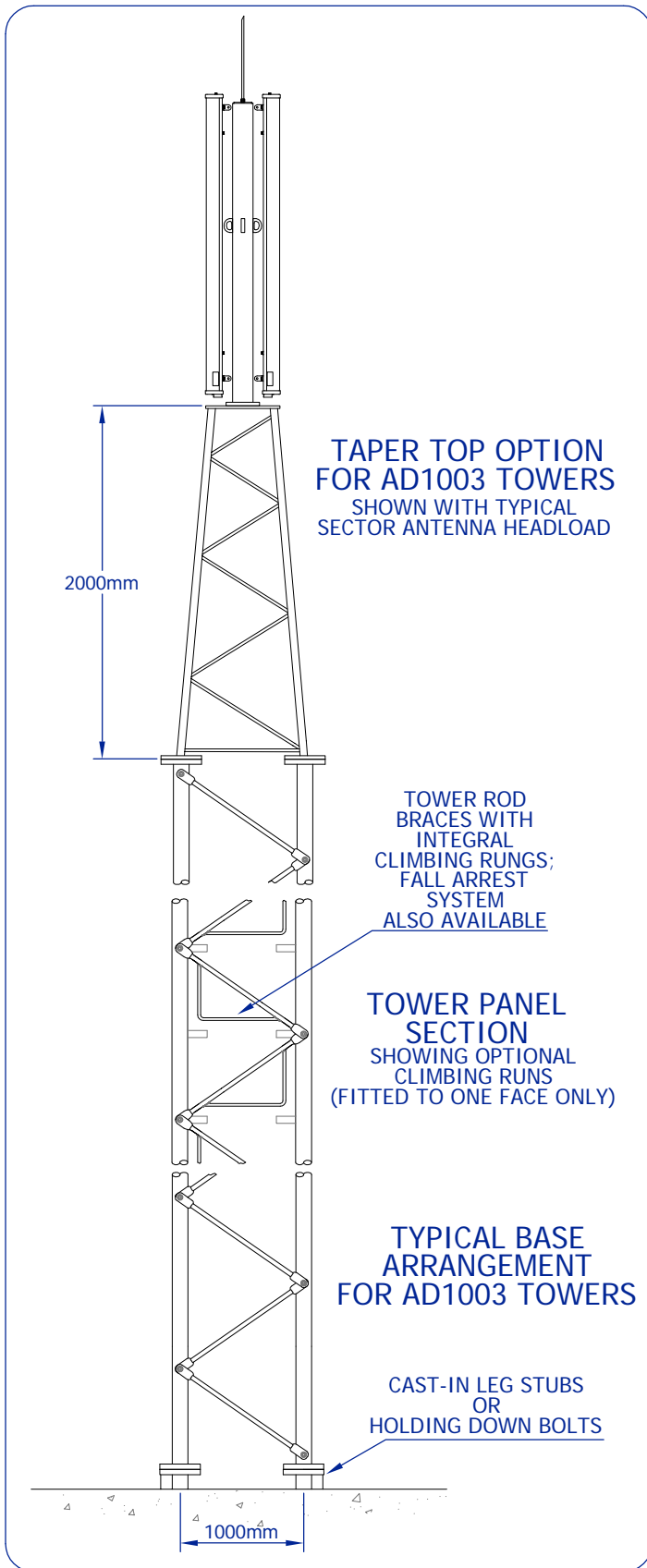
The structure is fully galvanised, including the internal surfaces of its tubular steel legs. Panel modules are 3m or 6m in height.

A comprehensive range of ancillary products is available for fitment to this structure, including anti-climb devices, fall-arrest devices, lightning protection systems and mounts for all types of cellular antennas.

The AD1003 has proved to be popular with planning authorities, and continues to be employed on a widespread basis by worldwide cellular networks.

Datasheet Number SDS_1003_001 Rev.C

STRUCTURES DATASHEET
AD1003 TOWER - Features



Datasheet Number SDS_1003_001 Rev.C

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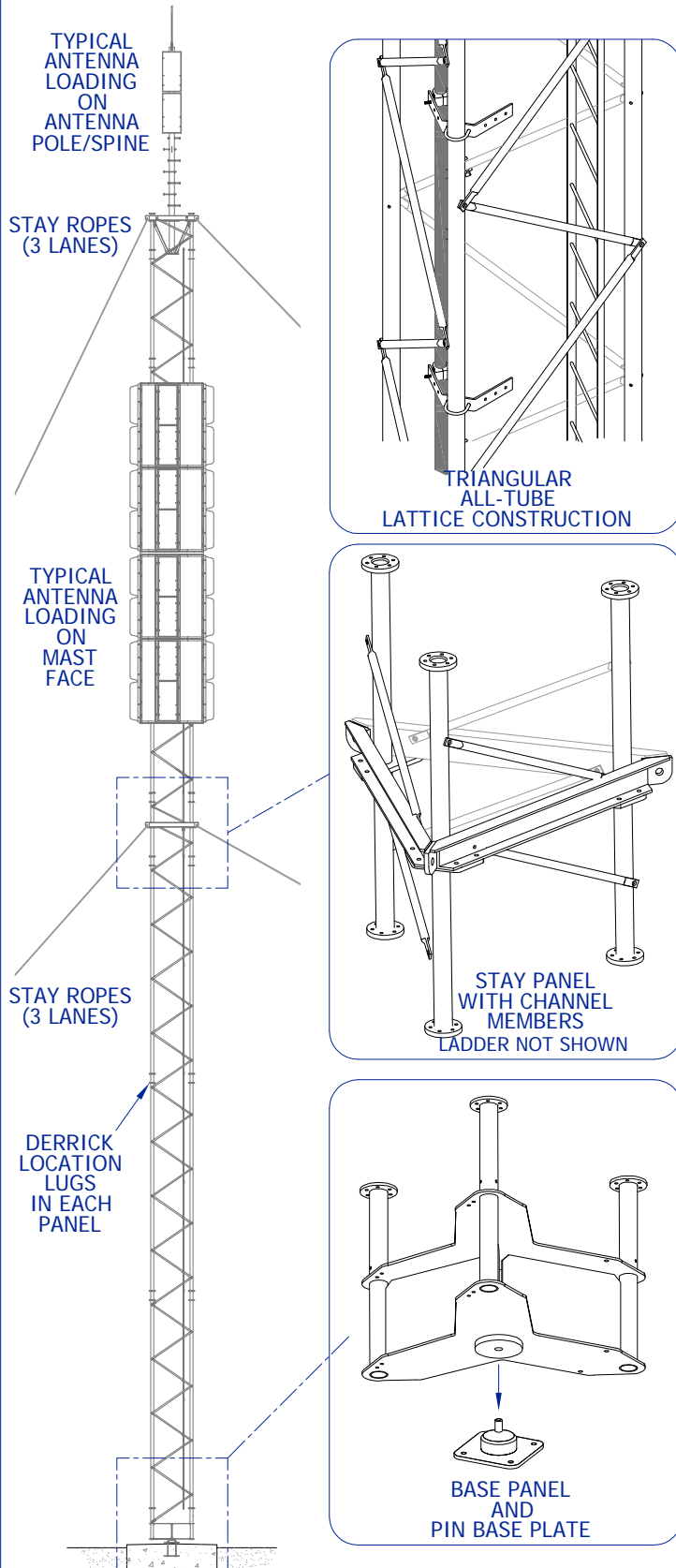
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STRUCTURES DATASHEET

AD1050 MAST - Product Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	MAST
MAIN APPLICATION	BROADCAST
PLAN SHAPE	TRIANGULAR
ELEVATION SHAPE	PARALLEL
MAXIMUM BUILD HEIGHT	200m
FACEWIDTH	1050mm
PLATFORM SPACING	IN STAY PANELS WITH CLAMP-ON PLATFORMS AS REQUIRED
ACCESS CONFIGURATION	INTERNAL LADDER
LEG SECTION	TUBE
BRACE SECTION	TUBE
DESIGN STEEL GRADE	S275 & S355
TYPICAL LOADING	LIGHT/MEDIUM BROADCAST, MEDIUM CELLULAR
SITESHARE CAPACITY	YES
UTILISED DESIGN CODES	BS.8100, CP3, EIA222F & OTHERS
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

- Lightweight and quick to erect
- Feeder brackets have large capacity and are positioned for easy access
- Flexible platform positions
- Tubular construction gives good wind efficiency
- Integrated derrick system

Datasheet Number SDS_1050_001 Rev.B

PRODUCT DESCRIPTION

Designed primarily as a multi-user mast, the AD1050 is very light for its loading capacity, and capable of being easily upgraded for heavier loads. A full derrick system is available which attaches directly to the mast for quick and easy erection. The design of the AD1050 will accommodate substitution of member sizes to suit steel availability and design upgrades.

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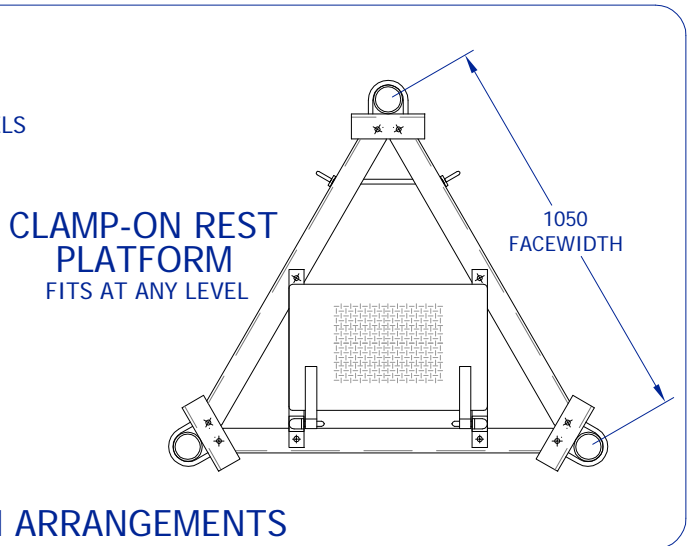
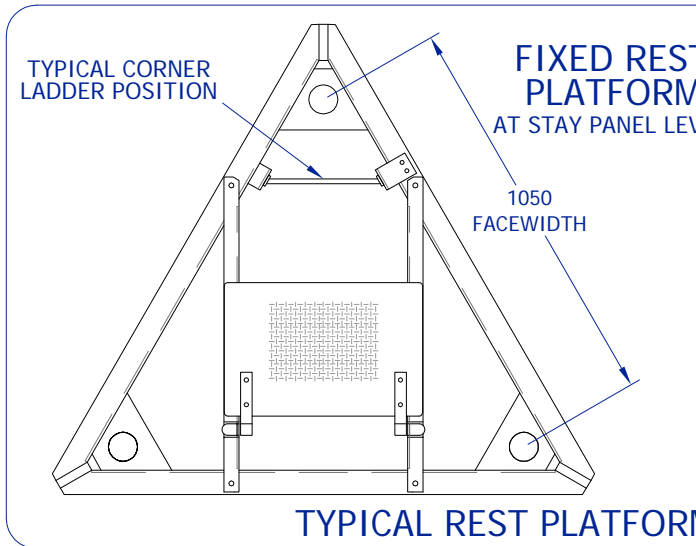
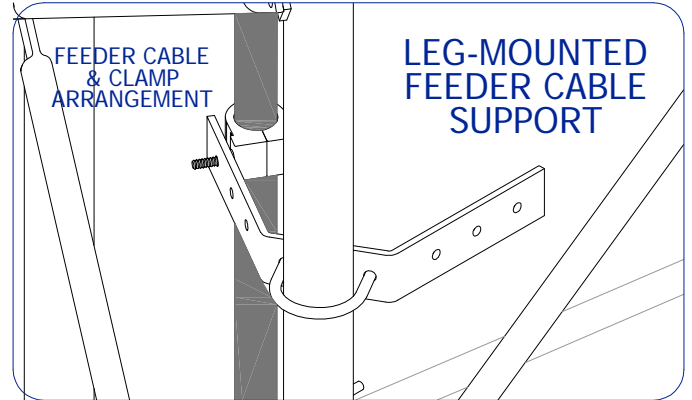
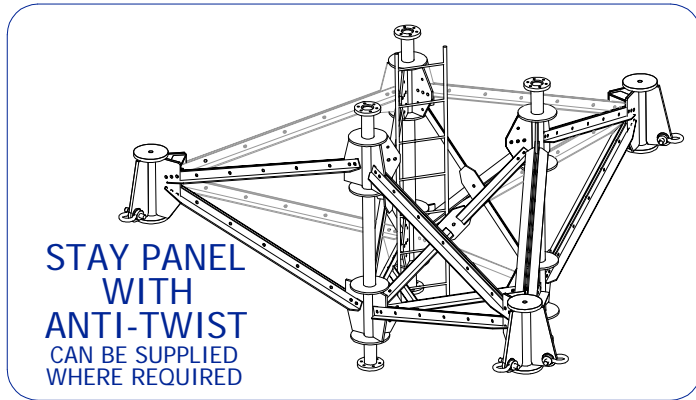
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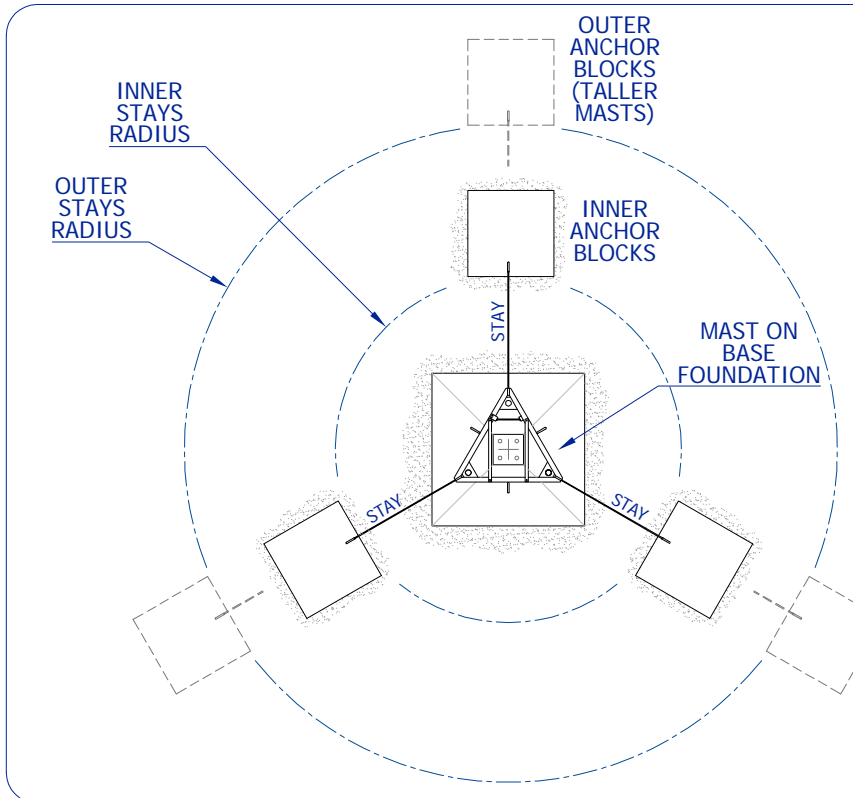
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STRUCTURES DATASHEET

AD1050 MAST - Features



TYPICAL REST PLATFORM ARRANGEMENTS



EXAMPLE STAY RADII		
HEIGHT	INNER RADIUS	OUTER RADIUS
50m MAST	40m	--
100m MAST	30m	70m
150m MAST	50m	110m
200m MAST	100m	150m

Please Note; these figures are given as a rough guide only

PLAN LAYOUT OF TYPICAL MAST STAY LANE ARRANGEMENT - STAYS AT 120° SPACING

Datasheet Number SDS_1050_001 Rev.B

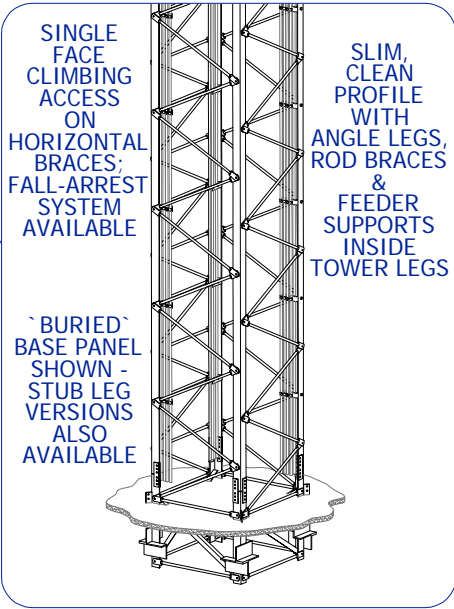
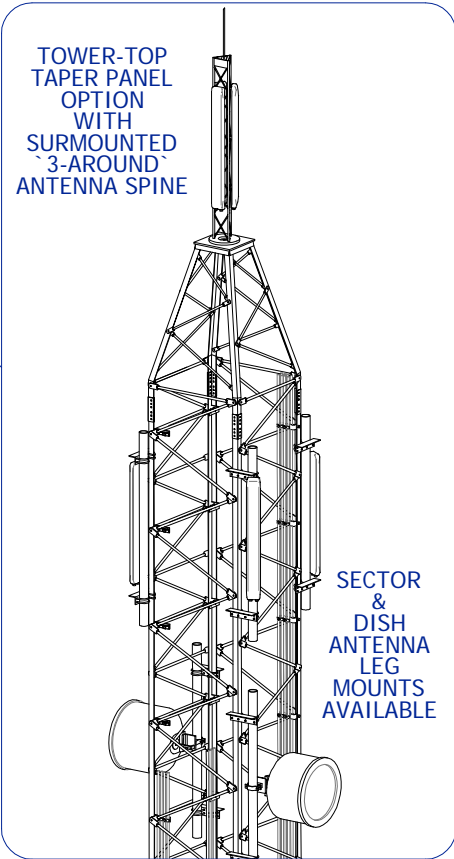
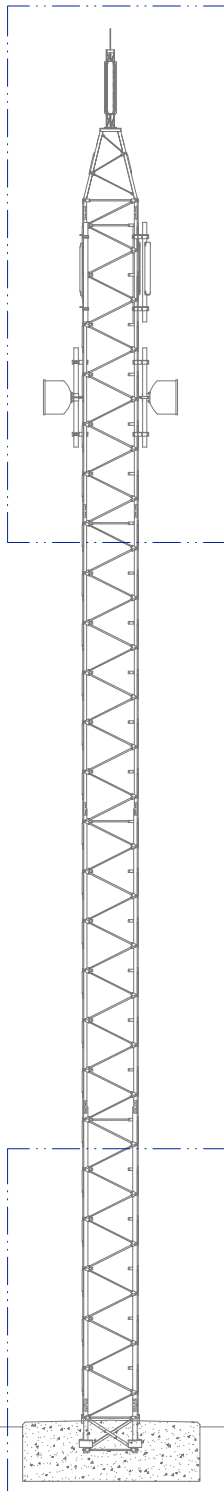
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STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
MAIN APPLICATION	CELLULAR
PLAN SHAPE	SQUARE
ELEVATION SHAPE	PARALLEL
MAXIMUM BUILD HEIGHT	40m
FACEWIDTH	1080mm
SITESHARE OPTION	YES
ACCESS CONFIGURATION	HORIZONTAL BRACING RUNGS
LEG SECTION	ANGLE
BRACE SECTION	ROD
DESIGN STEEL GRADE	S275 & S355 OR EQUIVALENT
TYPICAL LOADING	3 or 6 x GSM, 2 or 4 x ø0.6m DISH
UTILISED DESIGN CODES	BS.8100
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

- Low visual impact due to slim, clean profile
- High windspeed/loading ratio
- Accessible feeder cable positions
- Can be “flat-packed” to compact form for easy transit and storage
- Quick to erect due to simple construction which utilises many similar components
- Integral climbing rungs to one tower face

PRODUCT DESCRIPTION

The AD1080 is a low-profile square lattice tower developed primarily as a low visual impact solution for the worldwide cellular market.

Ideally suited to carry Cross-Polar Antennas, headloading is reduced. This in turn facilitates the tower’s slim profile.

Furthermore, the AD1080 is designed to deflection criteria suitable for microwave links.

The structure is fully galvanised, and panel modules are available at 2.5m, 3m, 4m, or 6m in height.

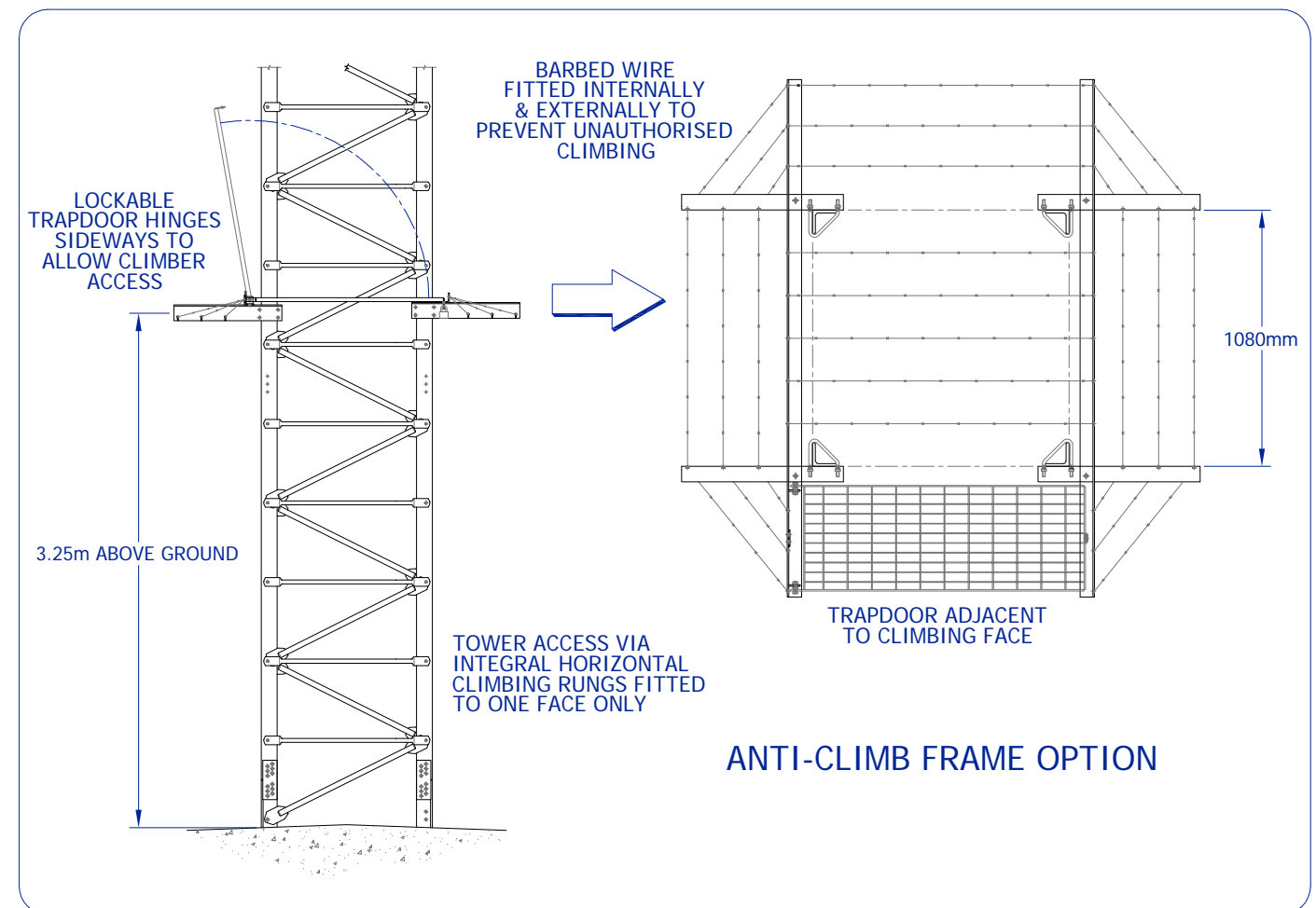
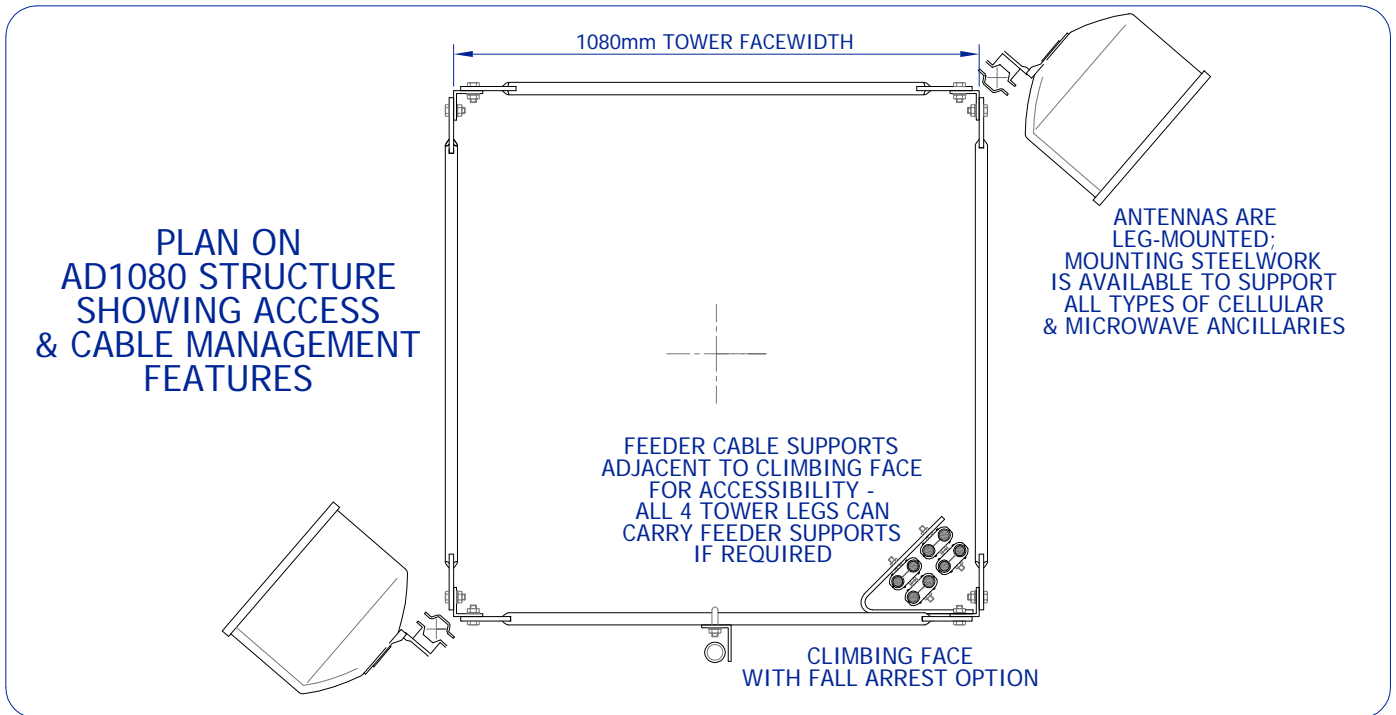
A comprehensive range of ancillary products is available for fitment to this structure, including anti-climb devices, fall-arrest devices, lightning protection systems and mounts for all types of cellular antennas.

The AD1080 has proved to be popular with planning authorities, and continues to be employed on a widespread basis by worldwide cellular networks.

Datasheet Number SDS_1080_001 Rev.A

STRUCTURES DATASHEET

AD1080 TOWER - Features



Datasheet Number SDS_1080_001 Rev.A

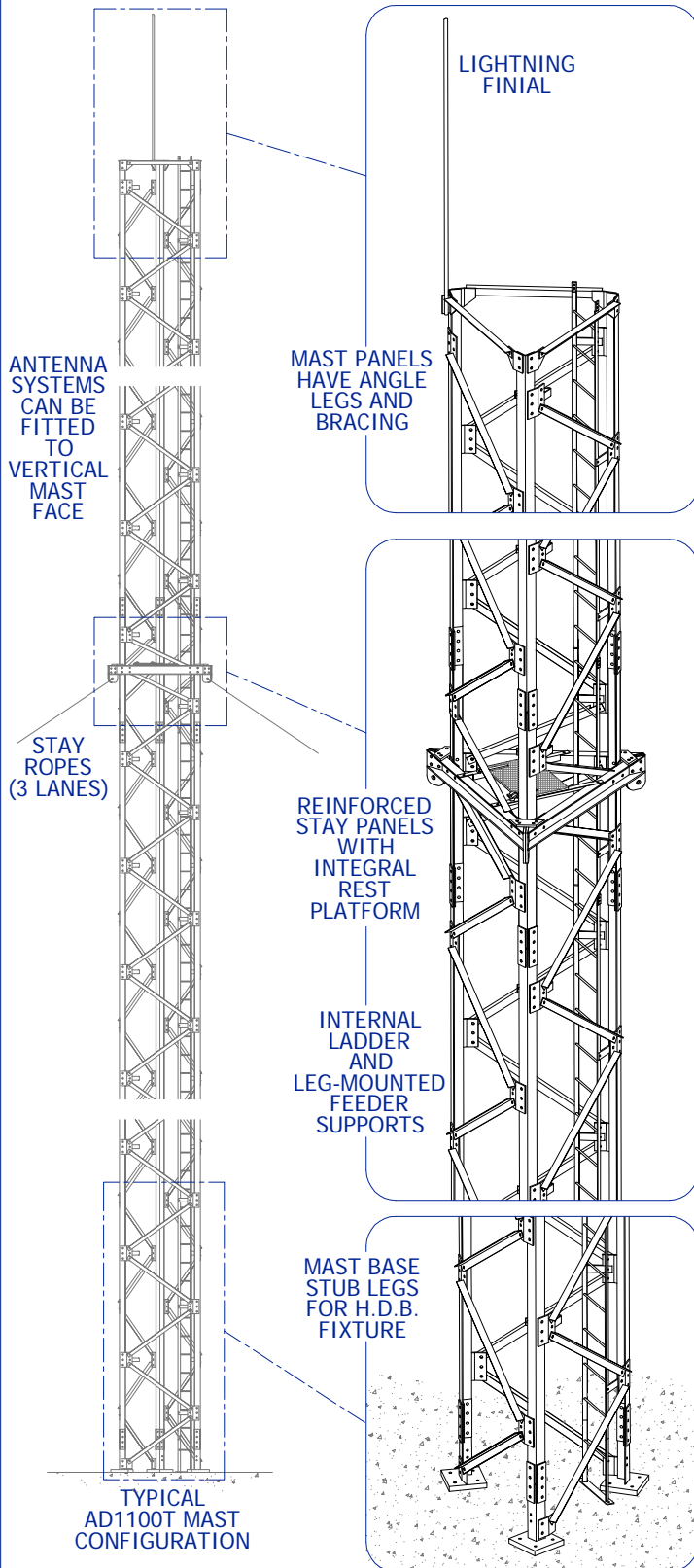
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STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	MAST
MAIN APPLICATION	BROADCAST / CELLULAR
PLAN SHAPE	TRIANGULAR
ELEVATION SHAPE	PARALLEL
MAXIMUM BUILD HEIGHT	200m
FACEWIDTH	1100mm
PLATFORM SPACING	AT STAY LEVELS
ACCESS CONFIGURATION	INTERNAL LADDER
LEG SECTION	ANGLE
BRACE SECTION	ANGLE
DESIGN STEEL GRADE	SS400 & SS540
TYPICAL LOADING	LIGHT/MEDIUM BROADCAST, MEDIUM CELLULAR
SITESHARE CAPACITY	YES
UTILISED DESIGN CODES	BS.8100
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

- Lightweight and quick to erect
- Cost-effective all-angle construction
- High capacity, with easily accessible feeder cable management
- Slim profile giving good wind efficiency
- Suitable for installation in remote areas

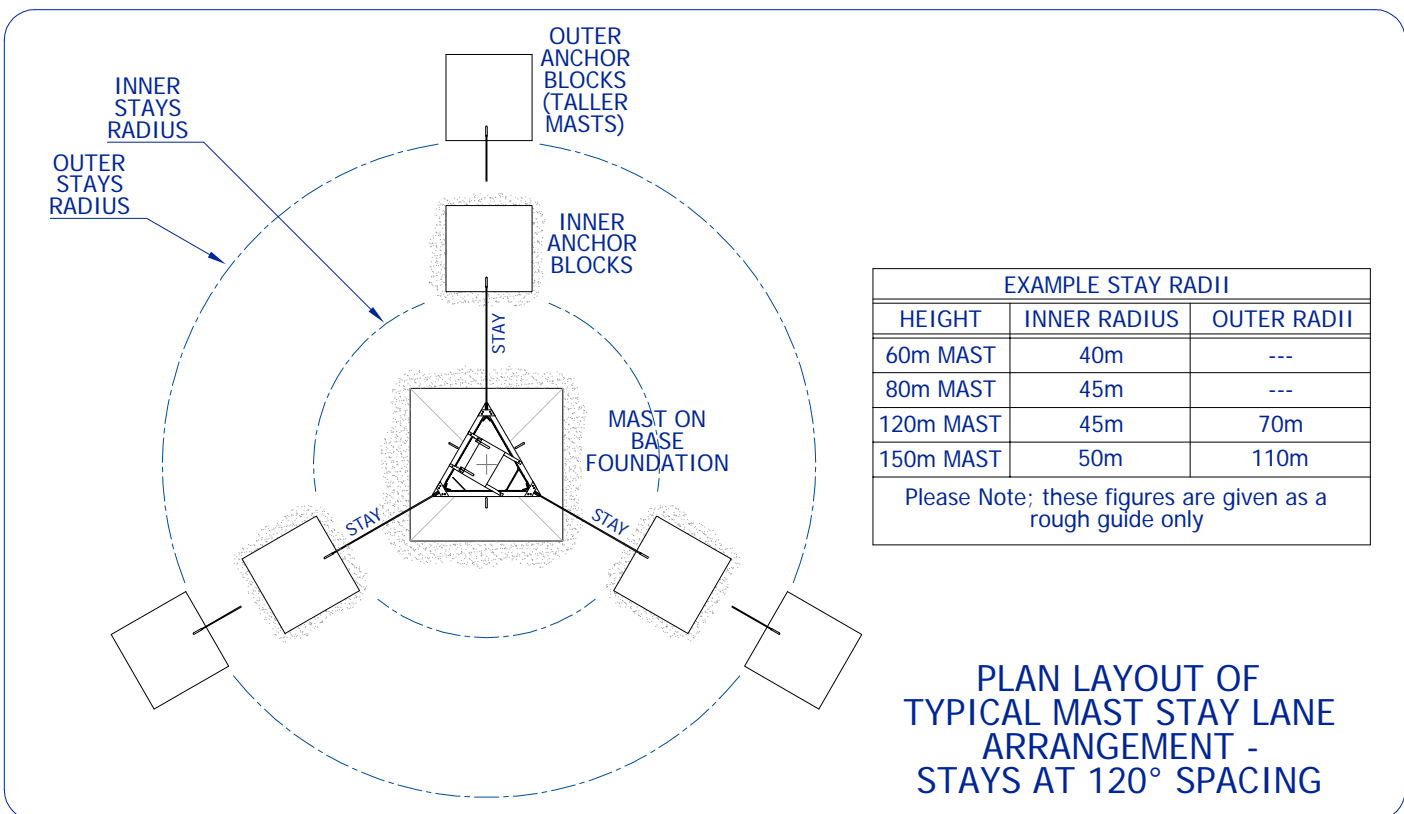
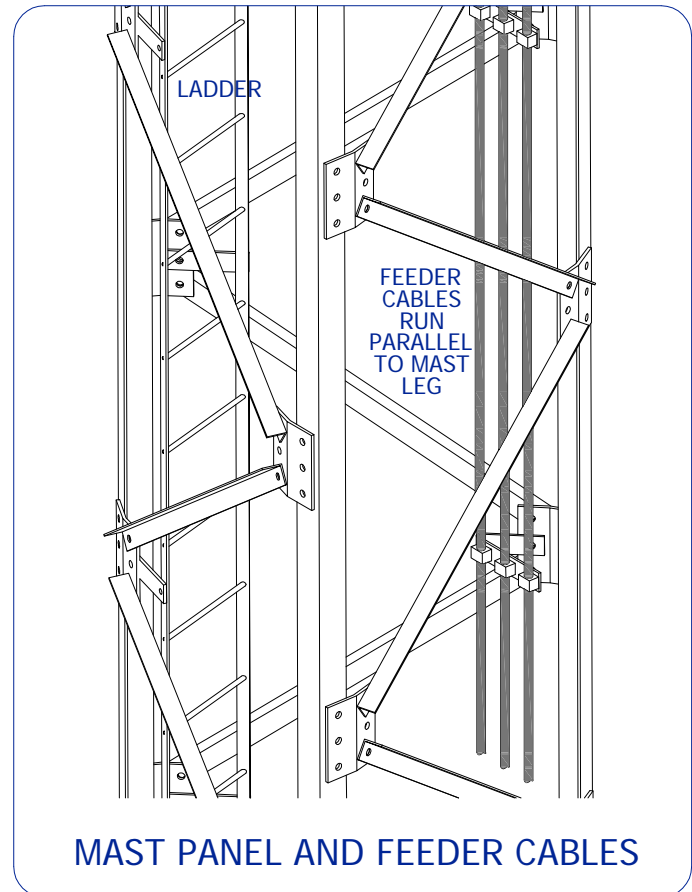
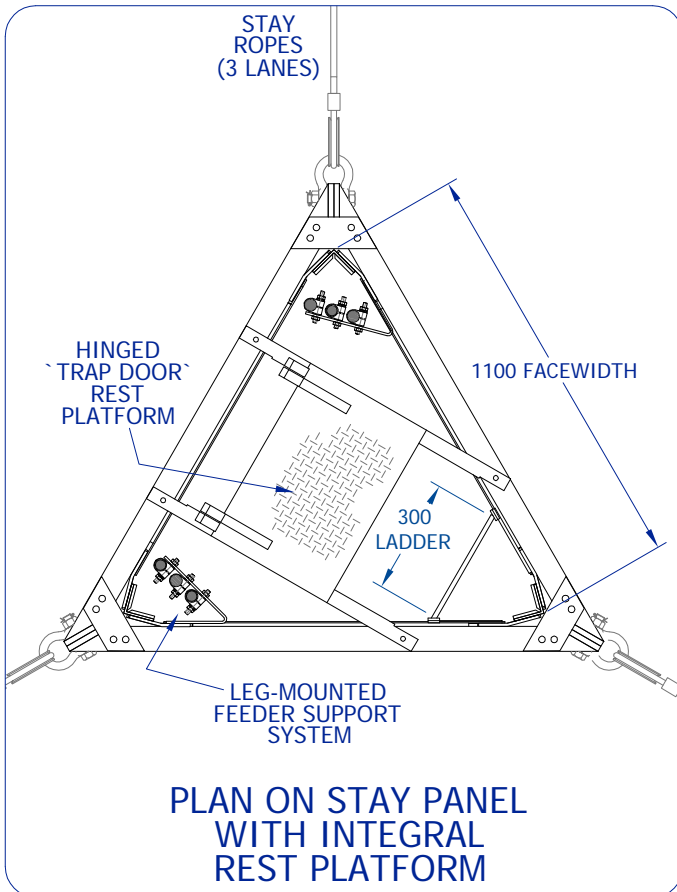
Datasheet Number SDS_1100T_001 Rev.C

PRODUCT DESCRIPTION

Designed primarily as a multi-user mast, the AD1100T is very light for its loading capacity, and capable of being easily upgraded for heavier loads. The design of the AD1100T will accommodate substitution of member sizes to suit steel availability and design upgrades. The angle and plate construction of this mast makes it quick and economical to fabricate. In addition to this, the structure is lightweight, making it suitable for deployment in remote areas where transport of structure and equipment is difficult.

STRUCTURES DATASHEET

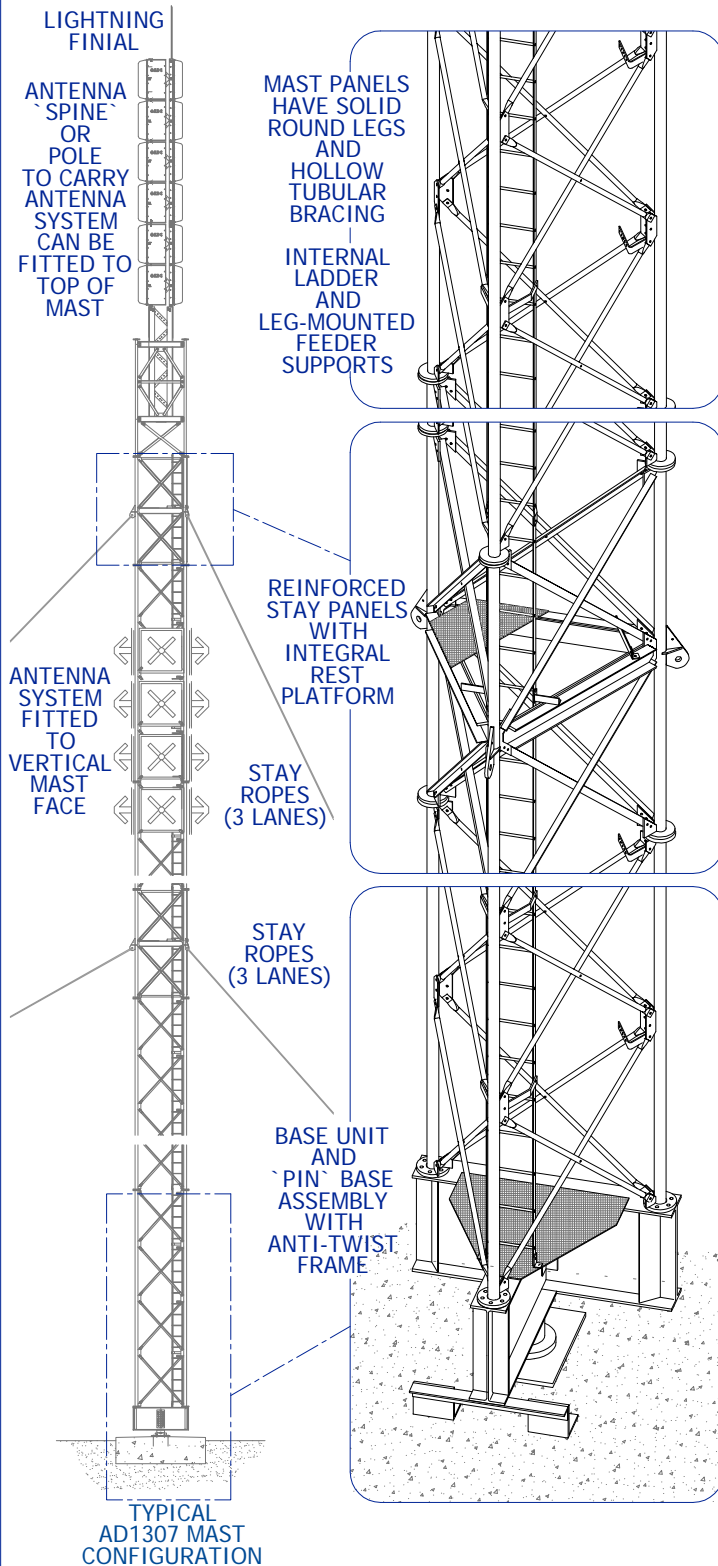
AD1100T MAST - Features



Datasheet Number SDS_1100T_001 Rev.C

STRUCTURES DATASHEET

AD1307 MAST - Product Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	MAST
MAIN APPLICATION	BROADCAST
PLAN SHAPE	TRIANGULAR
ELEVATION SHAPE	PARALLEL
MAXIMUM BUILD HEIGHT	250m
FACEWIDTH	1300mm
PLATFORM SPACING	KITS AVAILABLE TO FIT AT MANY LEVELS
ACCESS CONFIGURATION	INTERNAL LADDER
LEG SECTION	SOLID ROUND
BRACE SECTION	TUBE
DESIGN STEEL GRADE	S275 & S355
TYPICAL LOADING	UHF (SPINE MOUNTED), VHF APERTURE, AM/FM APERTURE
SITESHARE CAPACITY	YES
UTILISED DESIGN CODES	BS.8100
FINISH	GALVANISED TO BS.EN.ISO.1461
ATTRIBUTES	<ul style="list-style-type: none"> Wind-efficient design provides a slim profile Quick to erect using an AlanDick derrick system Easy to maintain High loading to size ratio Can be adapted as a mast radiator

PRODUCT DESCRIPTION

The AD1307 mast has been designed specifically as a quick-to-erect structure capable of supporting VHF/UHF and AM/FM antenna arrays and equipment at heights of up to 250m. This product is fully galvanised, including the internal surfaces of its members, and its simple construction using solid round legs is easy and safe to maintain. AD1307 masts are employed as traditional broadcast structures, and as mast radiators by operators worldwide.

Datasheet Number SDS_1307_001 Rev.B

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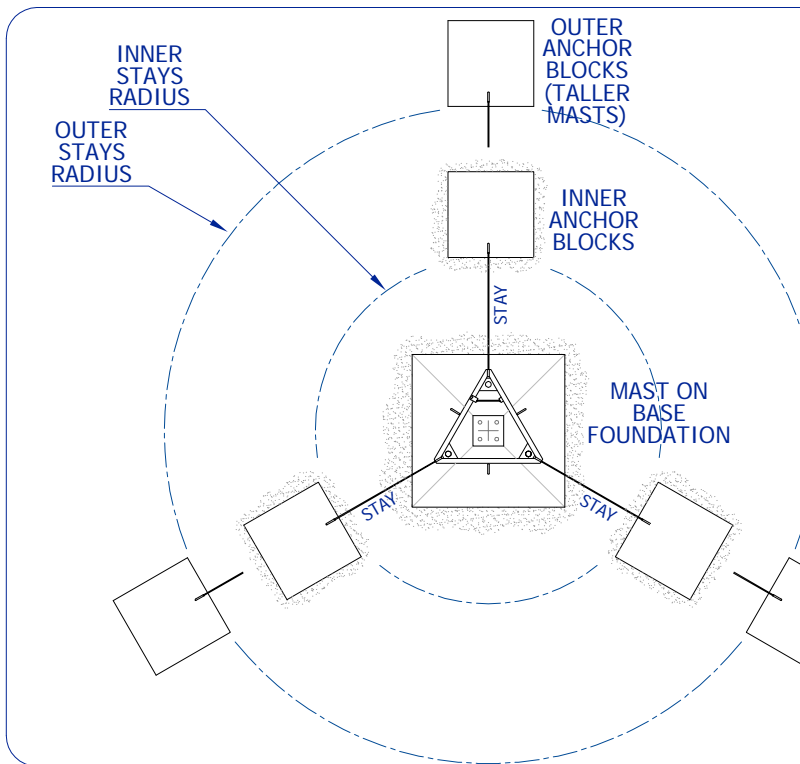
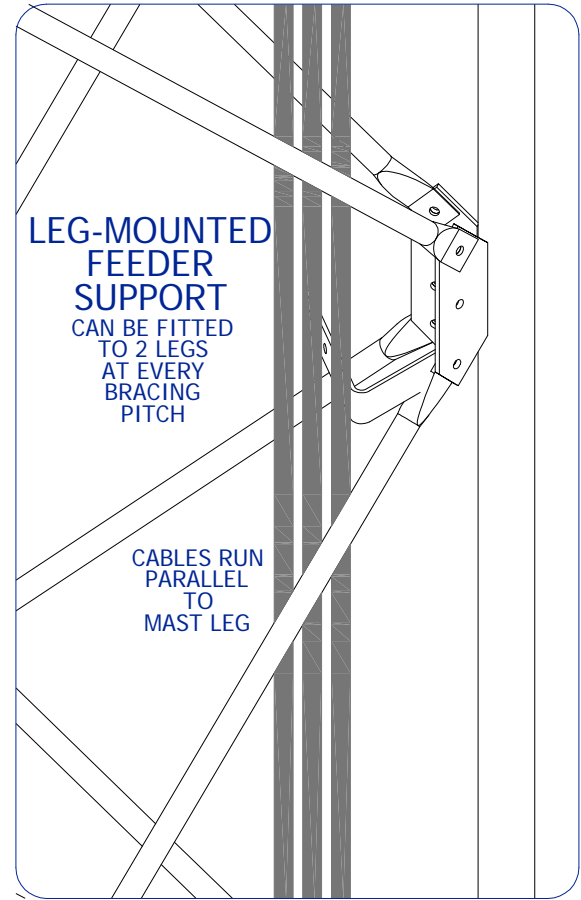
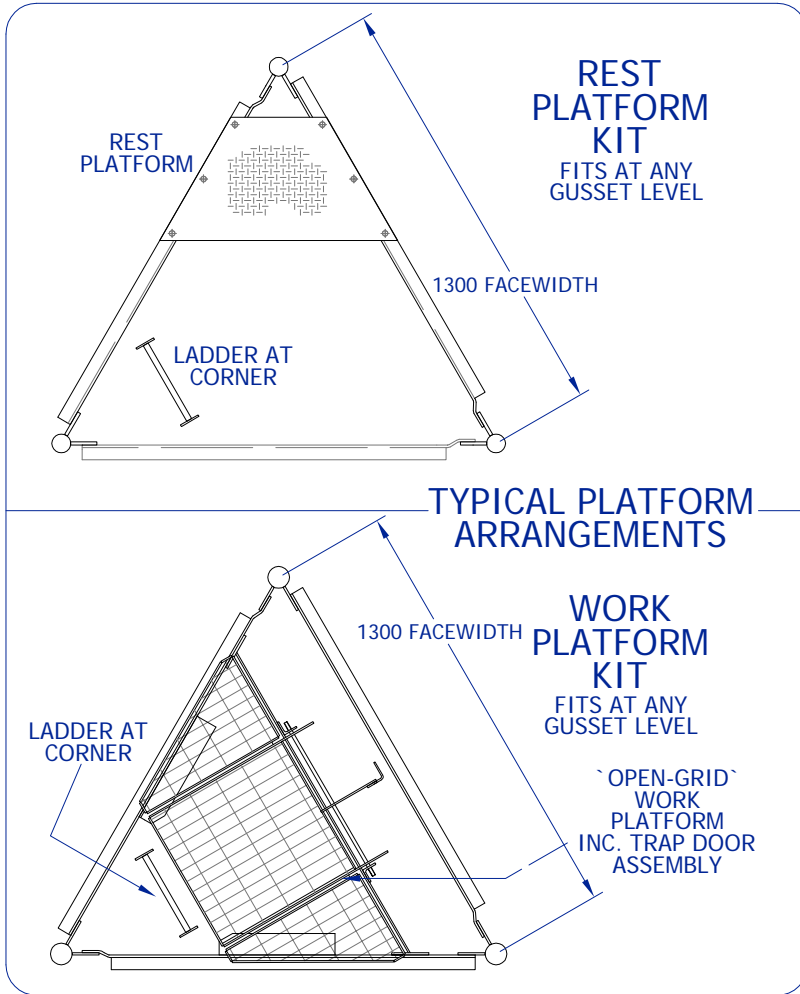
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STRUCTURES DATASHEET AD1307 MAST - Features



EXAMPLE STAY RADII		
HEIGHT	INNER RADIUS	OUTER RADII
50m MAST	40m	--
100m MAST	40m	80m
150m MAST	50m	110m
200m MAST	40m	100m & 150m
250m MAST	50m	110m & 160m

Please Note; these figures are given as a rough guide only

PLAN LAYOUT OF TYPICAL MAST STAY LANE ARRANGEMENT - STAYS AT 120° SPACING

Datasheet Number SDS_1307_001 Rev.B

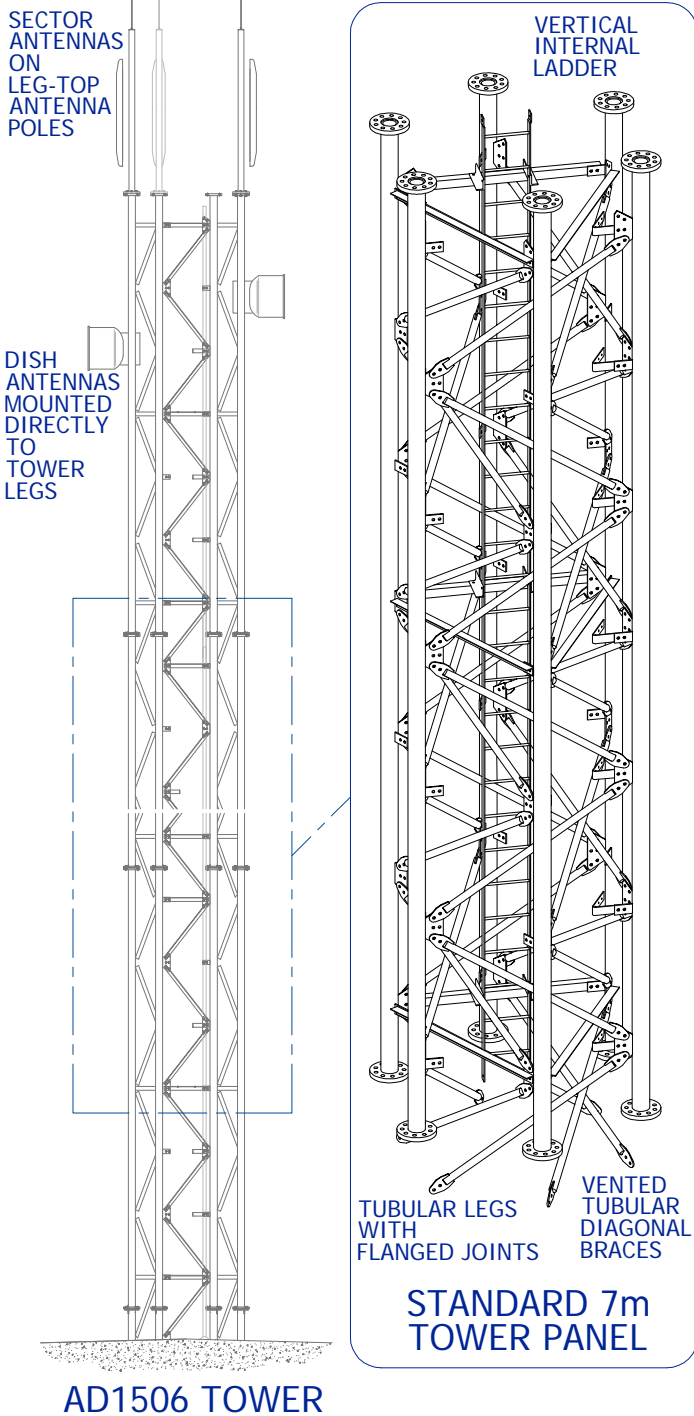
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STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
MAIN APPLICATION	CELLULAR / MICROWAVE
PLAN SHAPE	INTERLEAVED (HEXAGONAL/STAR)
ELEVATION SHAPE	PARALLEL
MAXIMUM BUILD HEIGHT	35m
FACEWIDTH	1500mm
PLATFORM SPACING	CUSTOMER OPTION
ACCESS CONFIGURATION	INTERNAL LADDER
LEG SECTION	TUBE
BRACE SECTION	TUBE and ANGLE
DESIGN STEEL GRADE	S275 & S355 OR EQUIVALENT
SITESHARE OPTION	YES
UTILISED DESIGN CODES	BS.8100
TYPICAL LOADING	MULTI-USER CELLULAR, MULTI-USER MICROWAVE
FINISH	GALVANISED TO BS.EN.ISO.1461
ATTRIBUTES	
Aesthetic Dual-Purpose structure - Ideal for switch sites or cellular sitieshare applications	
Favoured by planning authorities, as the 6-legged configuration facilitates a slim profile in relation to tower height.	
High loading capacity for size	
Tubular legs facilitate direct mounting of dishes - No specialised mounting steelwork required	

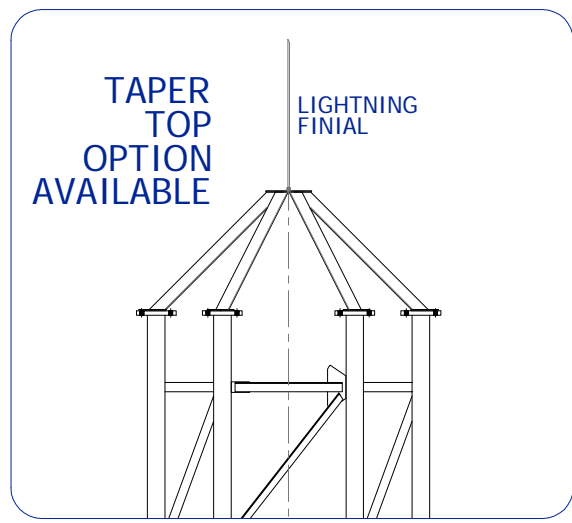
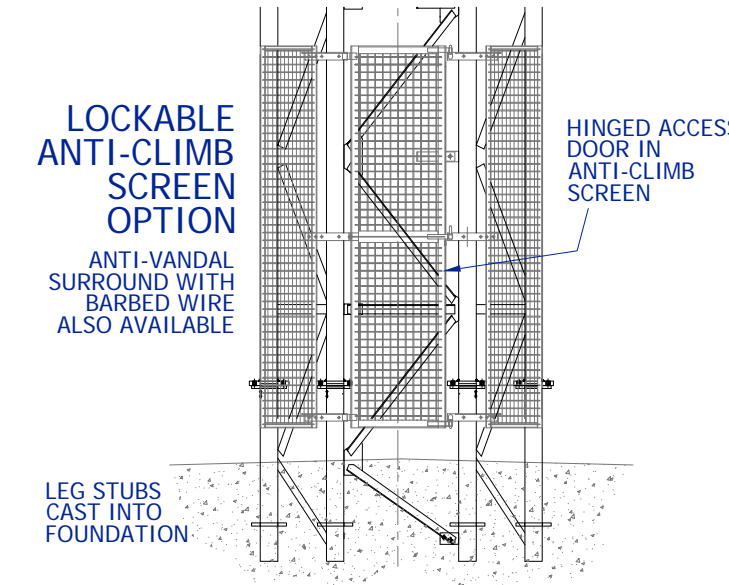
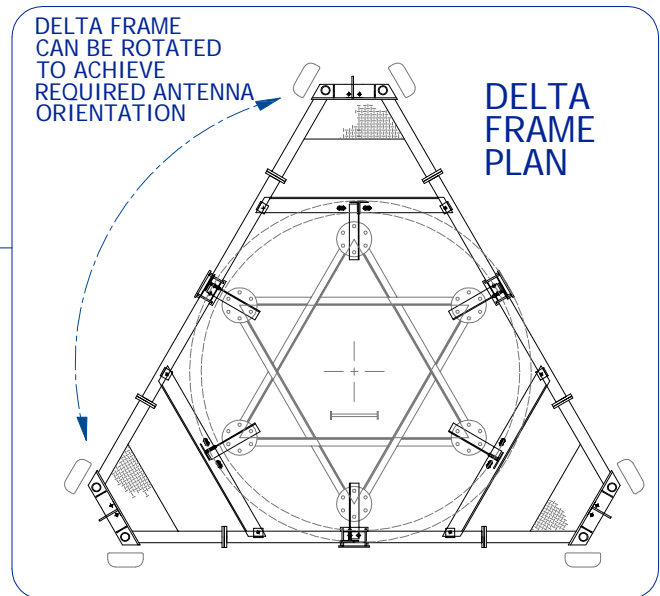
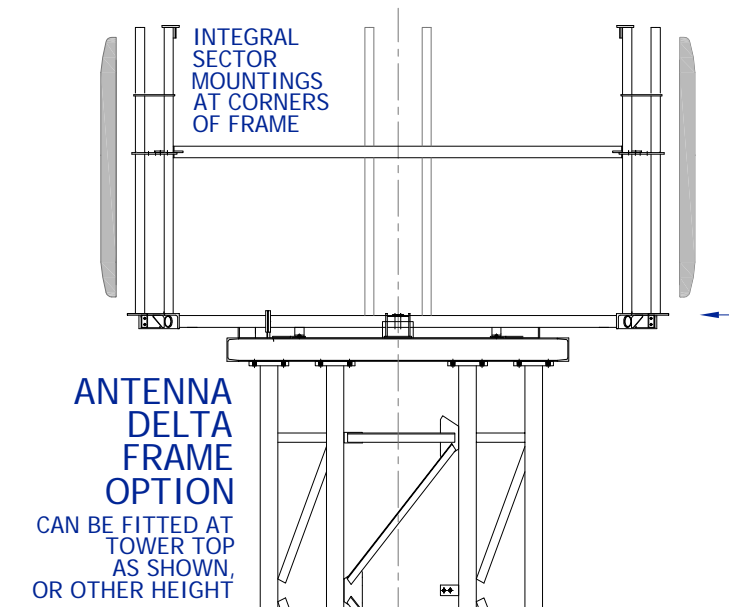
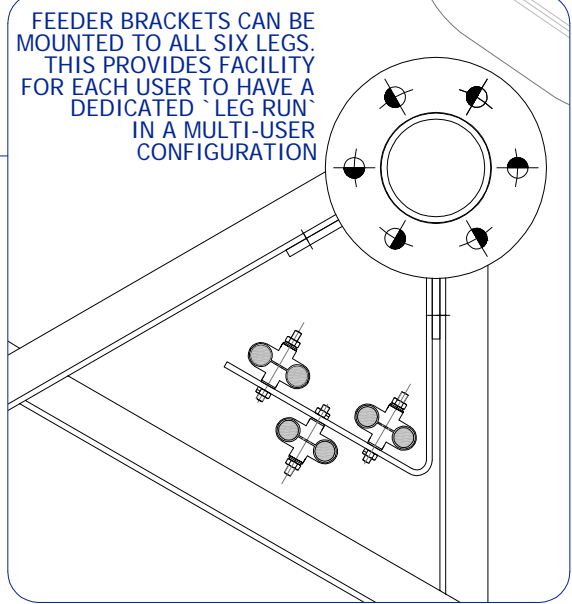
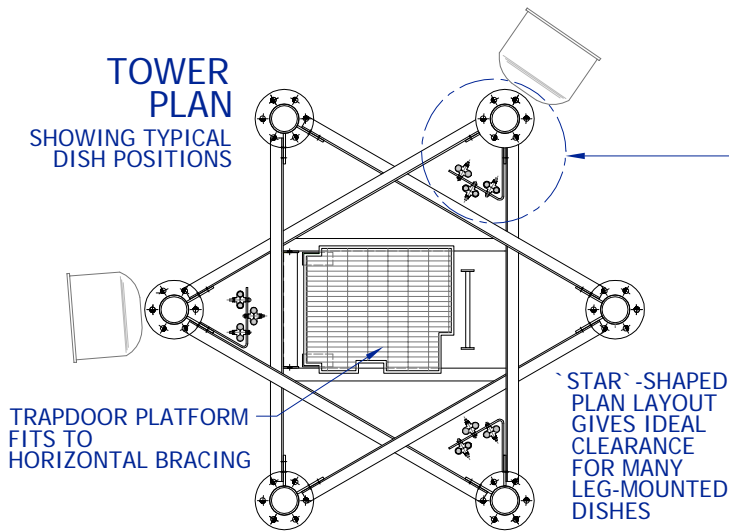
PRODUCT DESCRIPTION

The AD1506 is a 6-legged structure designed primarily as a switch tower. However, it is equally suitable for utilisation as a sitieshare tower for cellular applications. Tubular legs provide facility for mounting dishes directly, without requirement for traditional mounting poles and brackets. The tower legs provide suitable clearance to allow many loading configurations. The structure is fully galvanised, including the internal surfaces of its tubular members. Standard panel modules are 7m in height. A comprehensive range of ancillary products is available for fitment to this structure, including anti-climb devices, fall-arrest devices, lightning protection systems and alternative mounts for all types of cellular antennas.

Datasheet Number SDS_1506_001 Rev.B

STRUCTURES DATASHEET

AD1506 TOWER - Features



Datasheet Number SDS_1506_001 Rev.B

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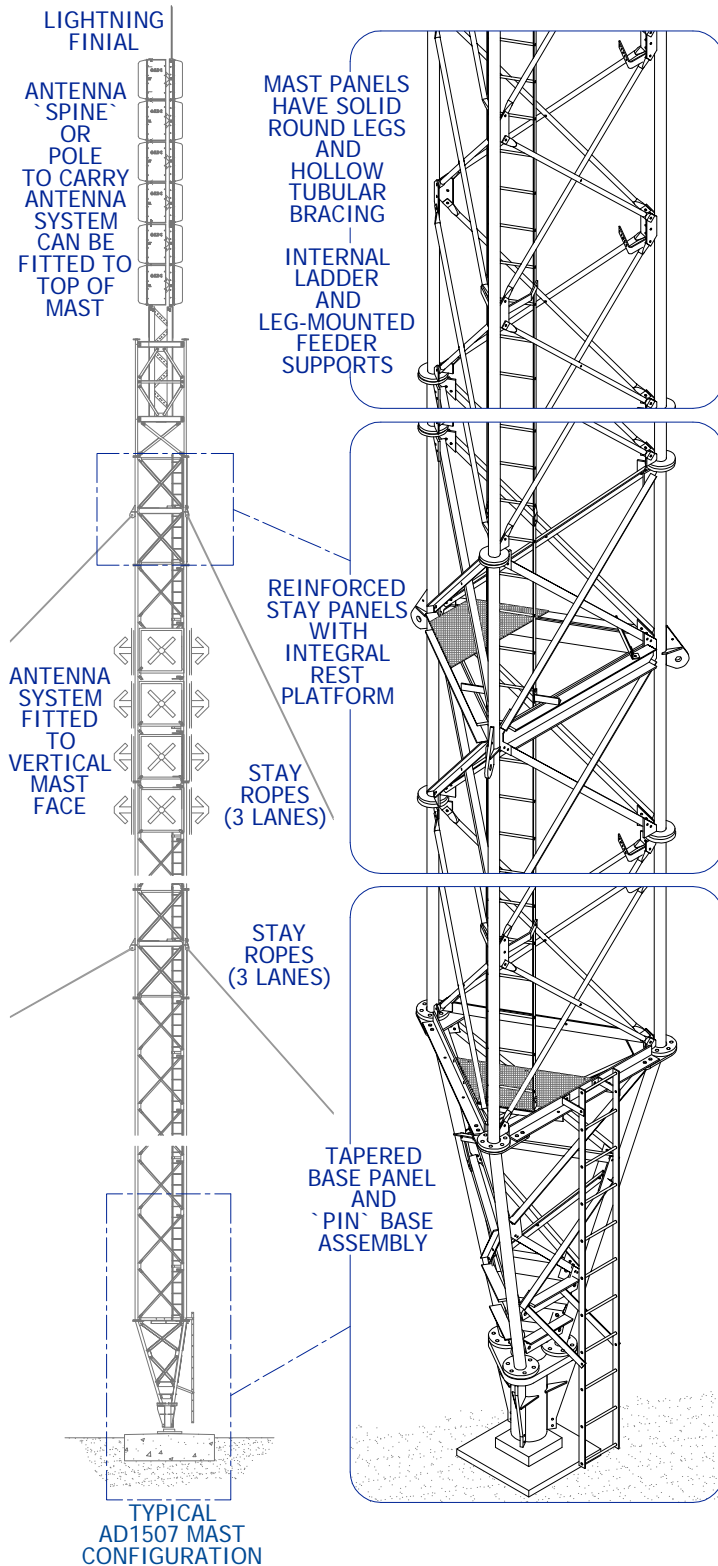
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STRUCTURES DATASHEET

AD1507 MAST - Product Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	MAST
MAIN APPLICATION	BROADCAST
PLAN SHAPE	TRIANGULAR
ELEVATION SHAPE	PARALLEL
MAXIMUM BUILD HEIGHT	300m
FACEWIDTH	1500mm
PLATFORM SPACING	KITS AVAILABLE TO FIT AT MANY LEVELS
ACCESS CONFIGURATION	INTERNAL LADDER
LEG SECTION	SOLID ROUND
BRACE SECTION	TUBE
DESIGN STEEL GRADE	S275 & S355
TYPICAL LOADING	UHF (SPINE MOUNTED), VHF APERTURE, AM/FM APERTURE
SITESHARE CAPACITY	YES
UTILISED DESIGN CODES	BS.8100
FINISH	GALVANISED TO BS.EN.ISO.1461
ATTRIBUTES	<ul style="list-style-type: none"> Wind-efficient design provides a slim profile Quick to erect using an AlanDick derrick system Easy to maintain High loading to size ratio Can be adapted as a mast radiator

PRODUCT DESCRIPTION

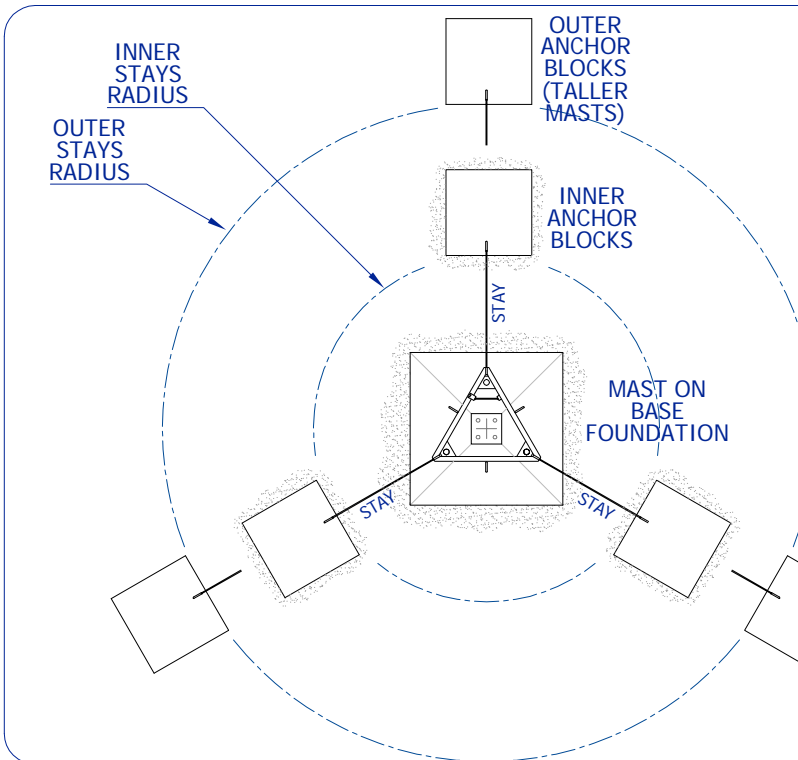
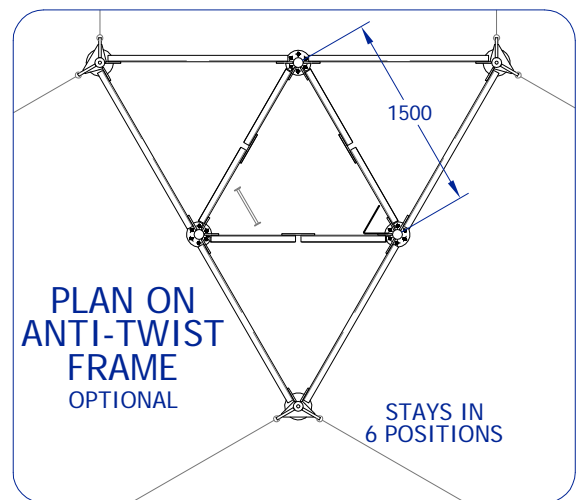
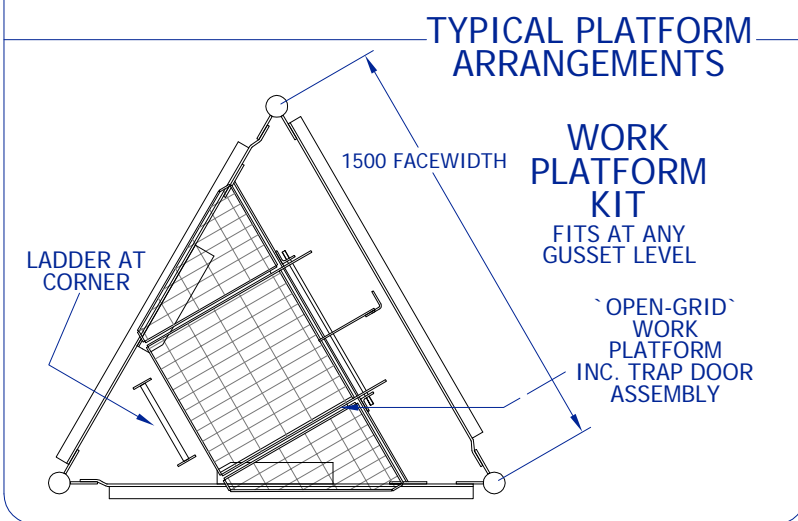
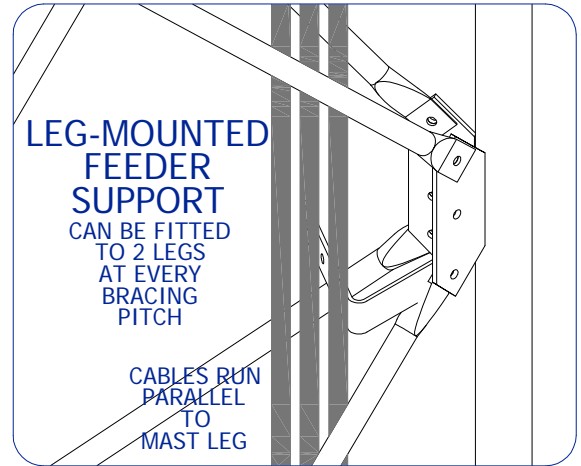
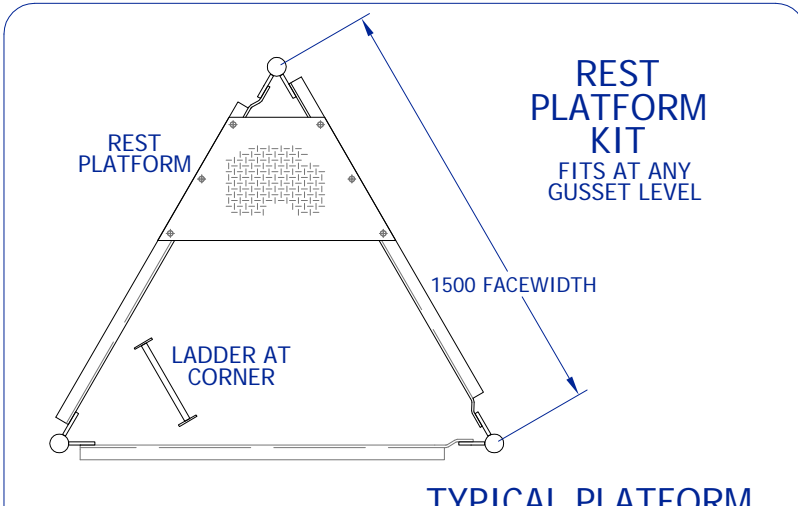
The AD1507 mast has been designed specifically as a quick-to-erect structure capable of supporting VHF/UHF and AM/FM antenna arrays and equipment at heights of up to 300m.

This product is fully galvanised, including the internal surfaces of its members, and its simple construction using solid round legs is easy and safe to maintain.

AD1507 masts are employed as traditional broadcast structures, and as mast radiators by operators worldwide.

STRUCTURES DATASHEET

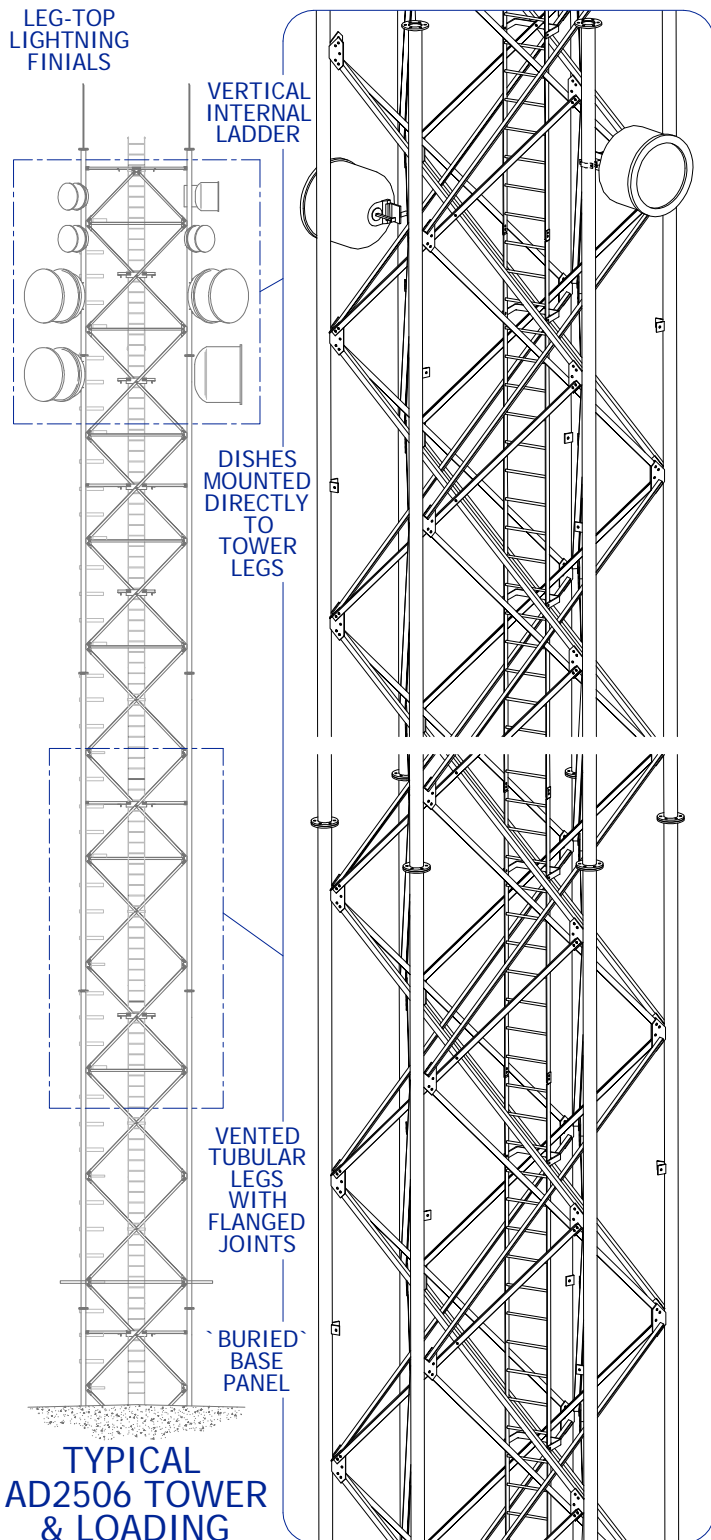
AD1507 MAST - Features



EXAMPLE STAY RADII		
HEIGHT	INNER RADIUS	OUTER RADII
100m MAST	30m	70m
150m MAST	60m	120m
200m MAST	75m	150m
300m MAST	60m	150m & 240m

Please Note; these figures are given as a rough guide only

PLAN LAYOUT OF TYPICAL MAST STAY LANE ARRANGEMENT - STAYS AT 120° SPACING



TYPICAL AD2506 TOWER & LOADING

STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
MAIN APPLICATION	HEAVY MICROWAVE
PLAN SHAPE	INTERLEAVED (HEXAGONAL/STAR)
ELEVATION SHAPE	PARALLEL
MAXIMUM BUILD HEIGHT	60m
FACEWIDTH	2500mm
PLATFORM SPACING	CUSTOMER OPTION
ACCESS CONFIGURATION	INTERNAL LADDER
LEG SECTION	TUBE
BRACE SECTION	ANGLE
DESIGN STEEL GRADE	S275 & S355 OR EQUIVALENT
SITESHARE OPTION	YES
UTILISED DESIGN CODES	BS.8100
TYPICAL LOADING	HEAVY MICROWAVE SWITCH
FINISH	GALVANISED TO BS.EN.ISO.1461
ATTRIBUTES	
Aesthetic Dual-Purpose structure - Ideal for switch sites or cellular sitieshare applications	
Favoured by planning authorities, as the 6-legged configuration facilitates a slim profile in relation to tower height and load capacity.	
High loading capacity for size	
Tubular legs facilitate direct mounting of dishes - No specialised mounting steelwork required	

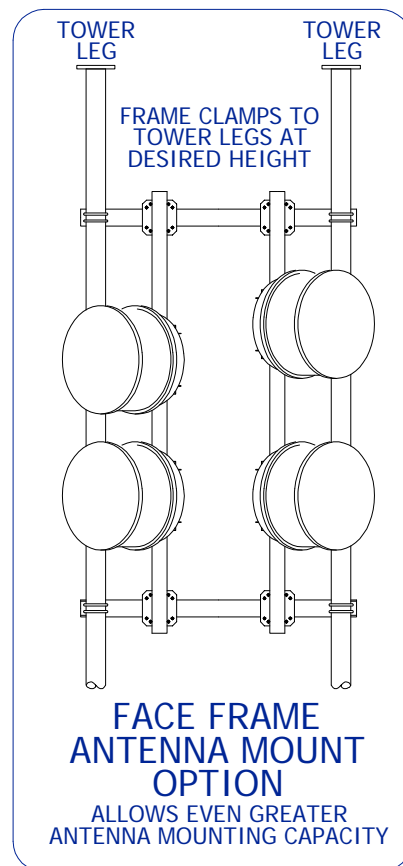
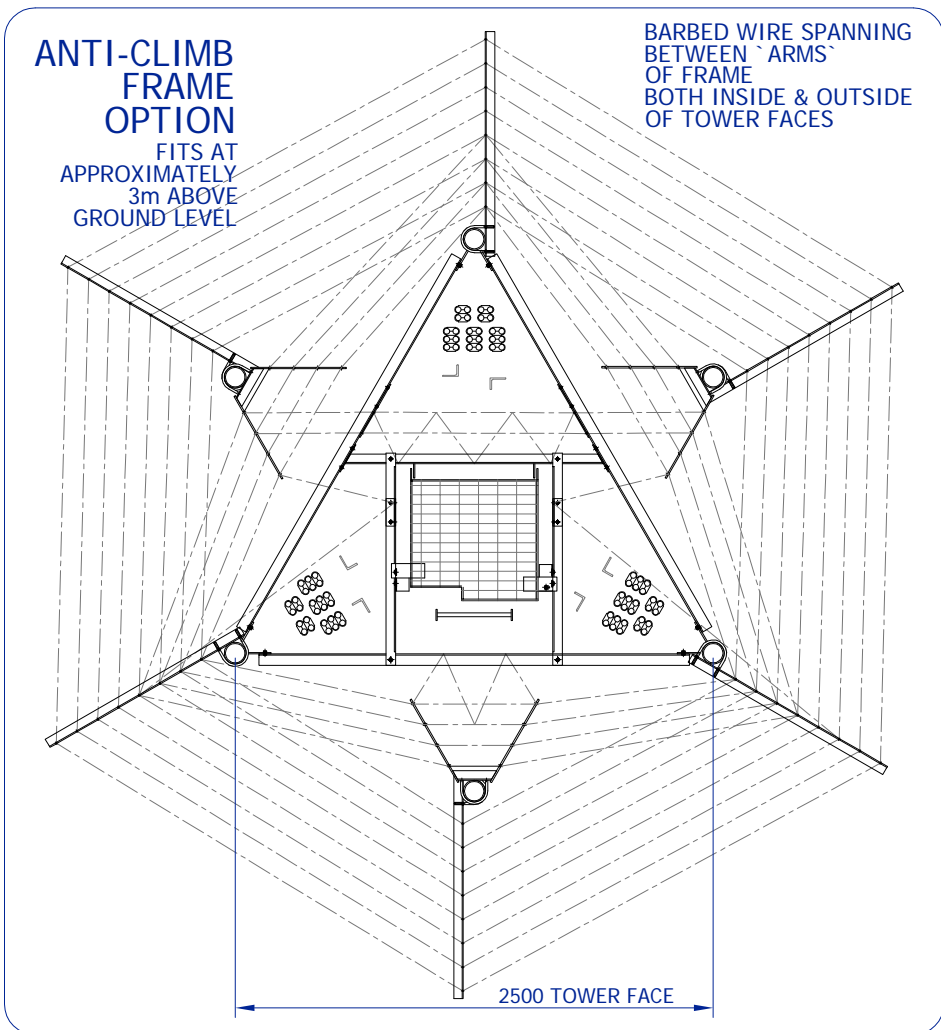
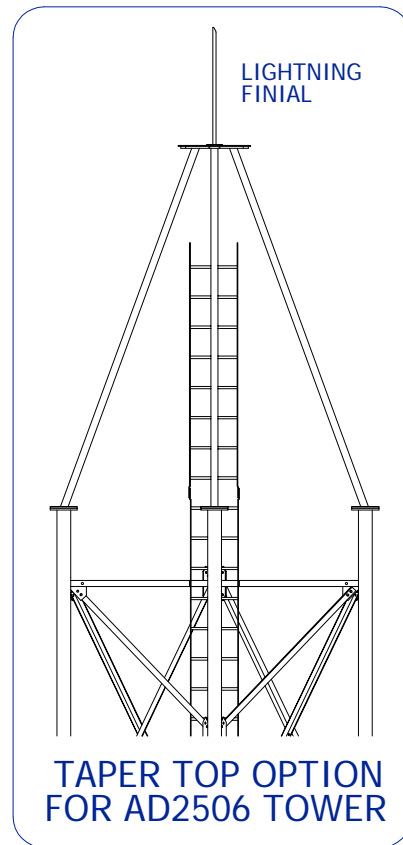
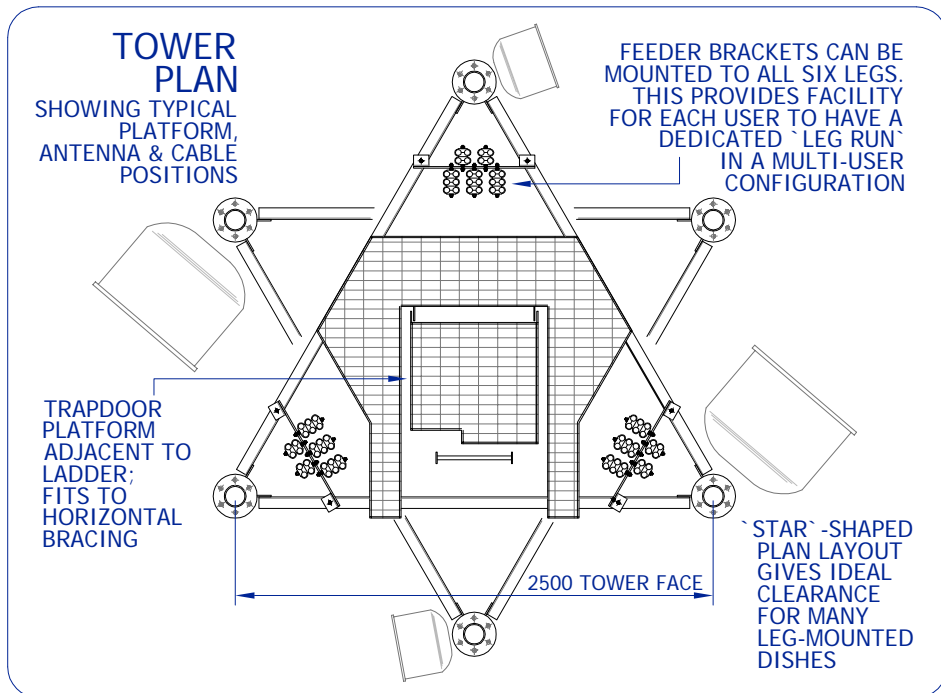
PRODUCT DESCRIPTION

The AD2506 is a 6-legged structure designed primarily as a switch tower, but is equally suitable for utilisation as a sitieshare tower for cellular applications; High loading configurations in relation to tower size can be achieved in both applications. Tubular legs provide facility for mounting dishes directly, without requirement for traditional mounting poles and brackets. The tower legs provide suitable clearance to allow many loading configurations. The structure is fully galvanised, including the internal surfaces of its tubular members. Standard panel modules are 7.5m, 5.5m & 3.75m in height. A comprehensive range of ancillary products is available for fitment to this structure, including anti-climb devices, fall-arrest devices, lightning protection systems, additional feeder supports and alternative mounts for all types of cellular antennas.

Datasheet Number SDS_2506_001 Rev.A

STRUCTURES DATASHEET

AD2506 TOWER - Features



Datasheet Number SDS_2506_001 Rev.A

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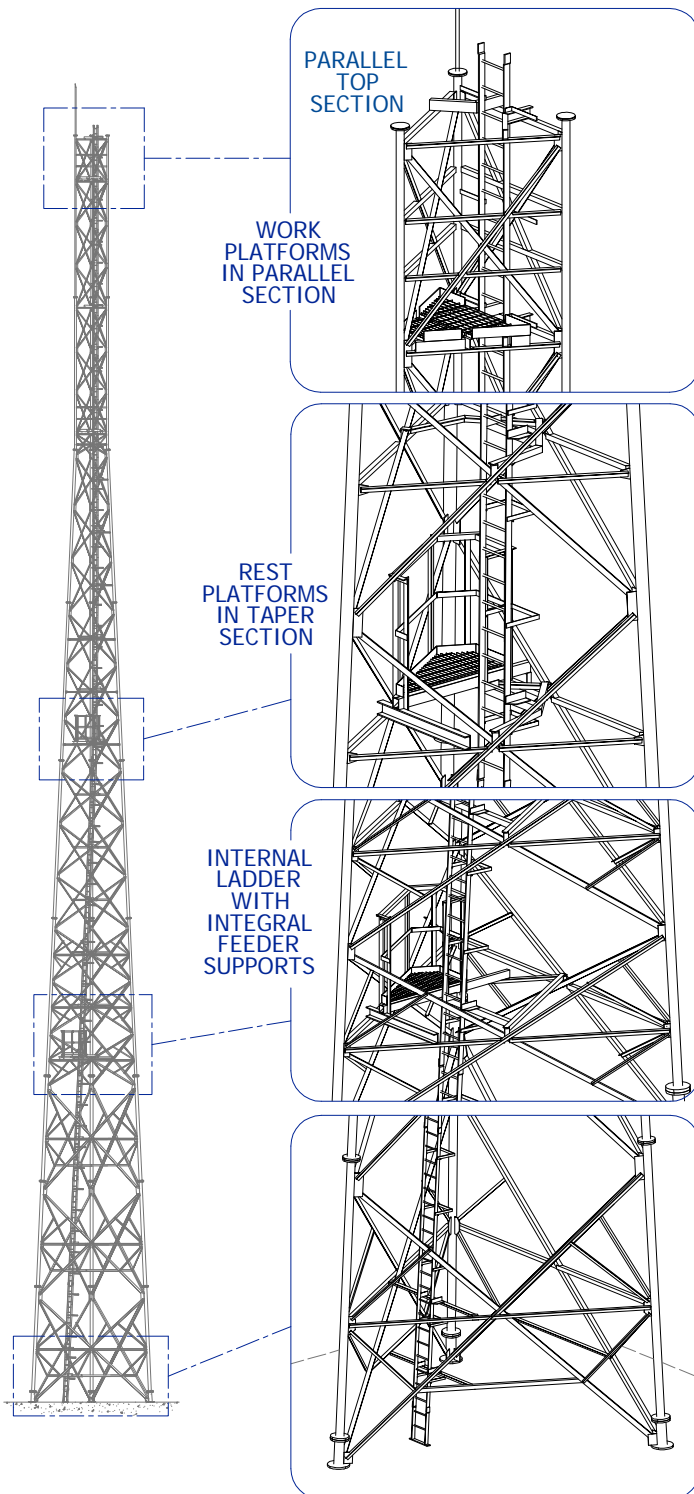
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STRUCTURES DATASHEET

AD3001 TOWER - Product Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
MAIN APPLICATION	CELLULAR, BROADCAST, MICROWAVE
PLAN SHAPE	TRIANGULAR
ELEVATION SHAPE	TAPERED (WITH PARALLEL TOP)
MAXIMUM BUILD HEIGHT	250m (60m TOWER SHOWN)
FACEWIDTH	TOP = 1527mm, BASE = 23600mm (250m TOWER)
PLATFORM SPACING	VARIABLE
ACCESS CONFIGURATION	INTERNAL LADDER / SPINE
LEG SECTION	TUBE
BRACE SECTION	ANGLE or TUBE
DESIGN STEEL GRADE	S275 & S355 OR EQUIVALENT
TYPICAL LOADING	LIGHT BROADCAST MULTI-USER CELLULAR MULTI-USER MICROWAVE
UTILISED DESIGN CODES	CP3/BS.449, BS.8100, EIA222F & OTHERS
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

- Low-Weight General Purpose Tower
- Open structural form gives low wind resistance
- Maximum leg lengths of 5m & 7.5m facilitate ease of transport
- Central feeder spine available for structures over 60m high
- Integral Derrick fixing points at designated positions

PRODUCT DESCRIPTION

The AD3001 is a wind-efficient, medium duty, tubular tower with a low visual impact. Smaller variants of this structure as shown here have tubular legs and angle bracing. Feeder cable management in these cases is generally ladder-mounted. Tall variants up to 250m feature tubular legs throughout, and also tubular bracing in the wider lower panels. A central parallel-side feeder spine is available for structures of this size, facilitating the handling of very large numbers of cables. Bolt-in climbing steps are provided on the legs of these all-tube panels as a rigging aid. Higher loadings can be achieved if the tower top is truncated.

Datasheet Number SDS_3001_001 Rev.B

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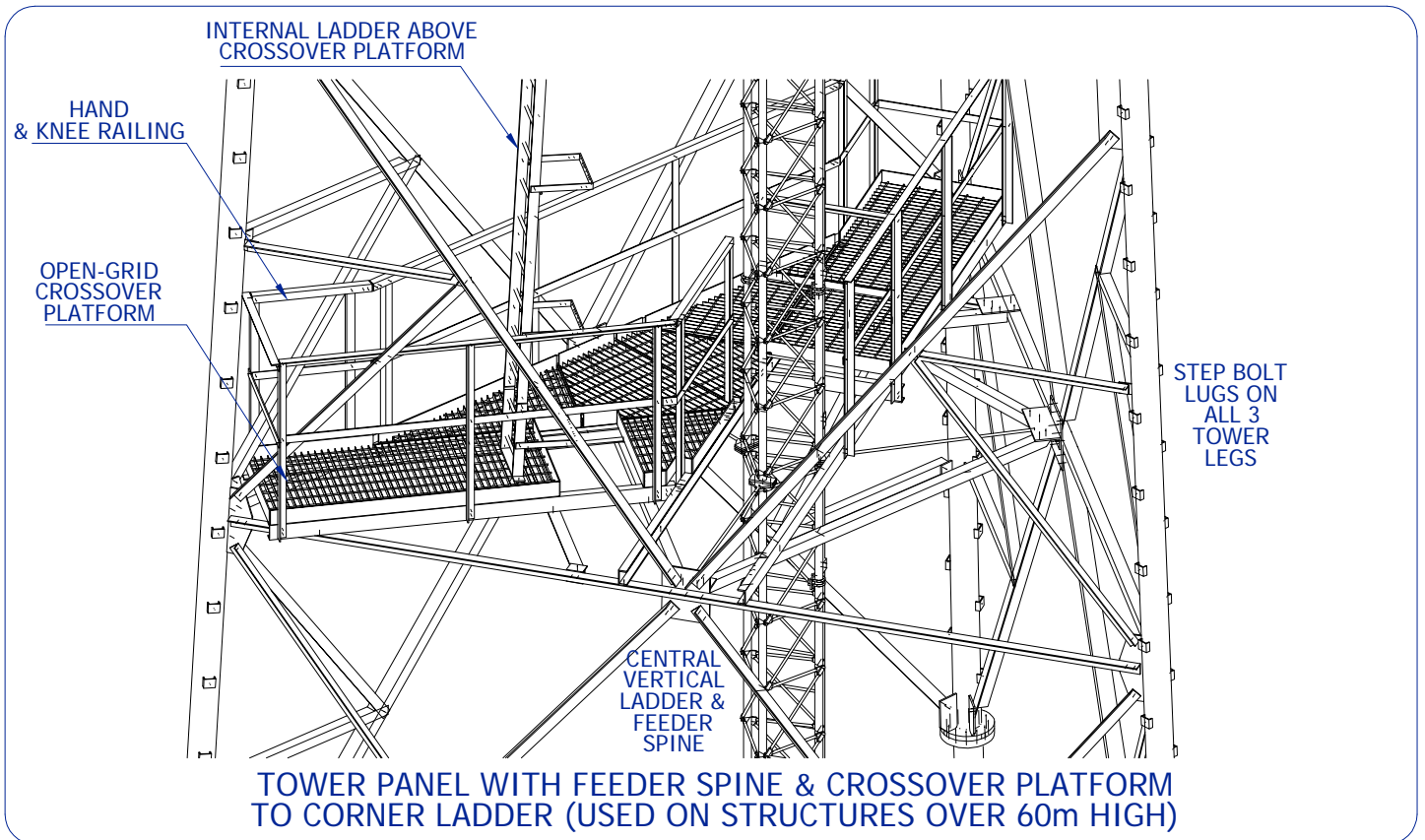
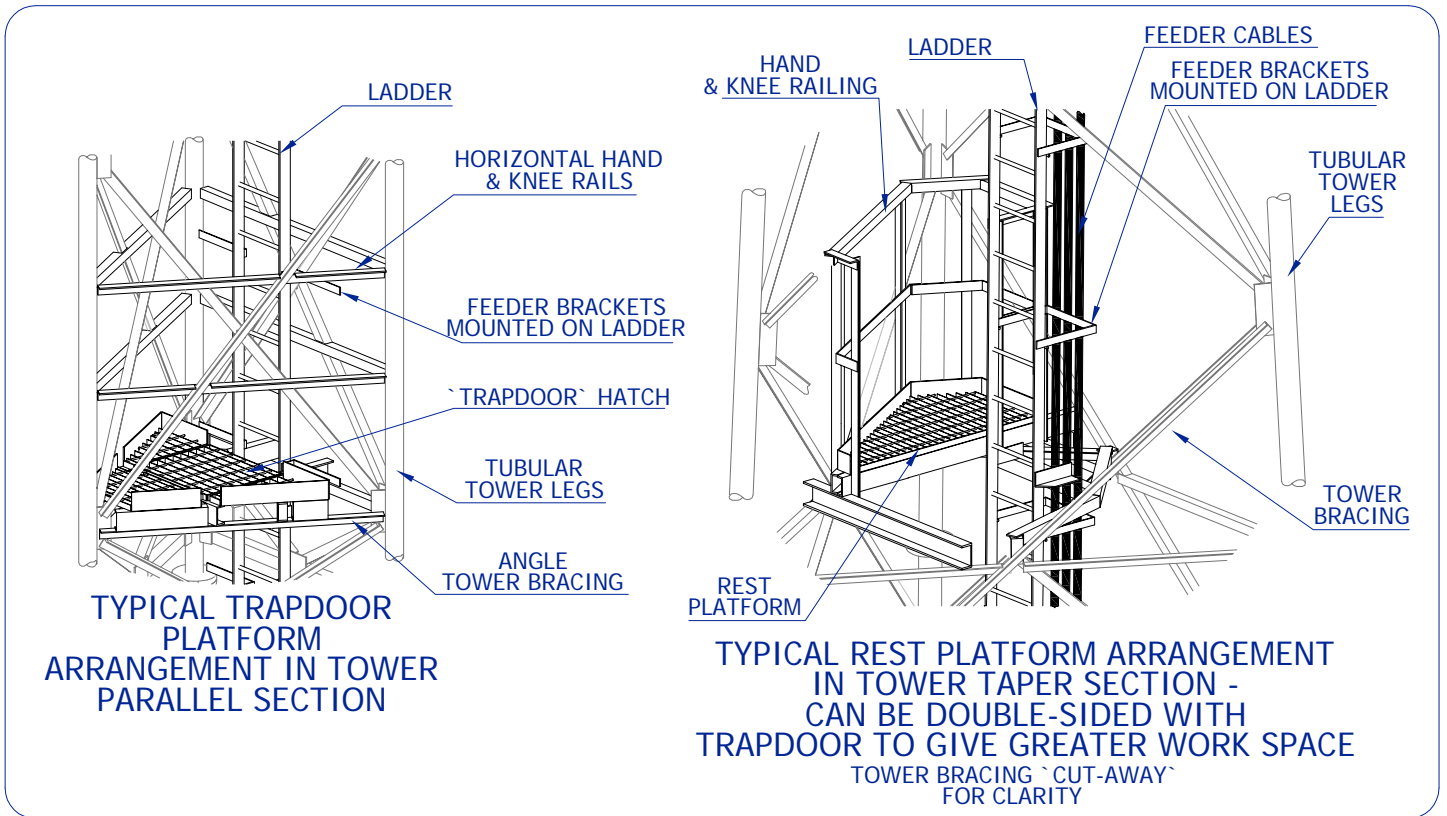
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STRUCTURES DATASHEET
AD3001 TOWER - Features



Datasheet Number SDS_3001_001 Rev.B

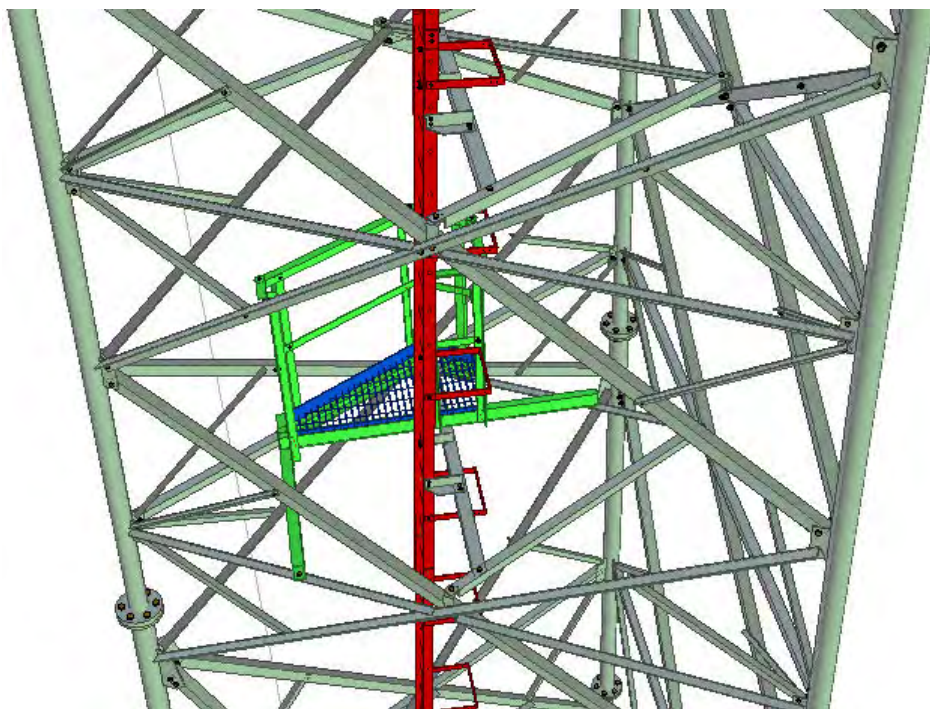
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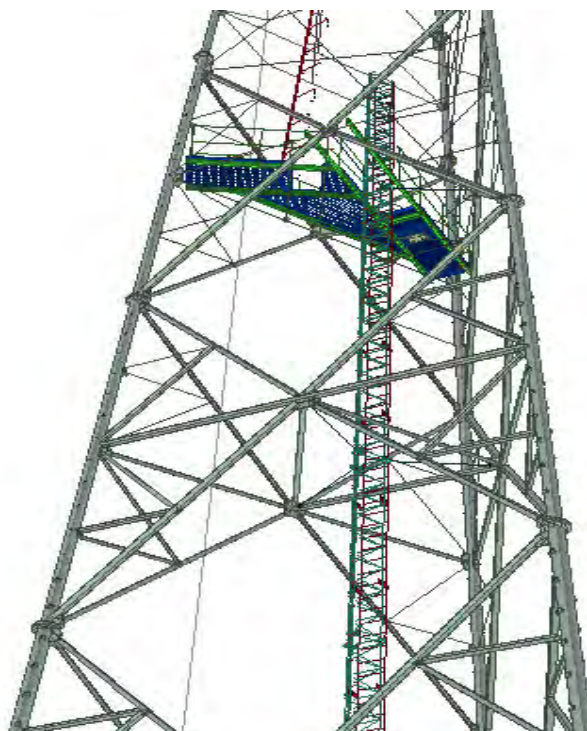
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TYPICAL LADDER WITH
FEEDER SUPPORTS &
REST PLATFORM
IN TOWER
PARALLEL TOP SECTION

FEEDER SPINE
& CROSSOVER PLATFORM
TO CORNER LADDER
(USED ON STRUCTURES
OVER 60m HIGH)



Datasheet Number SDS_3001_001 Rev.B

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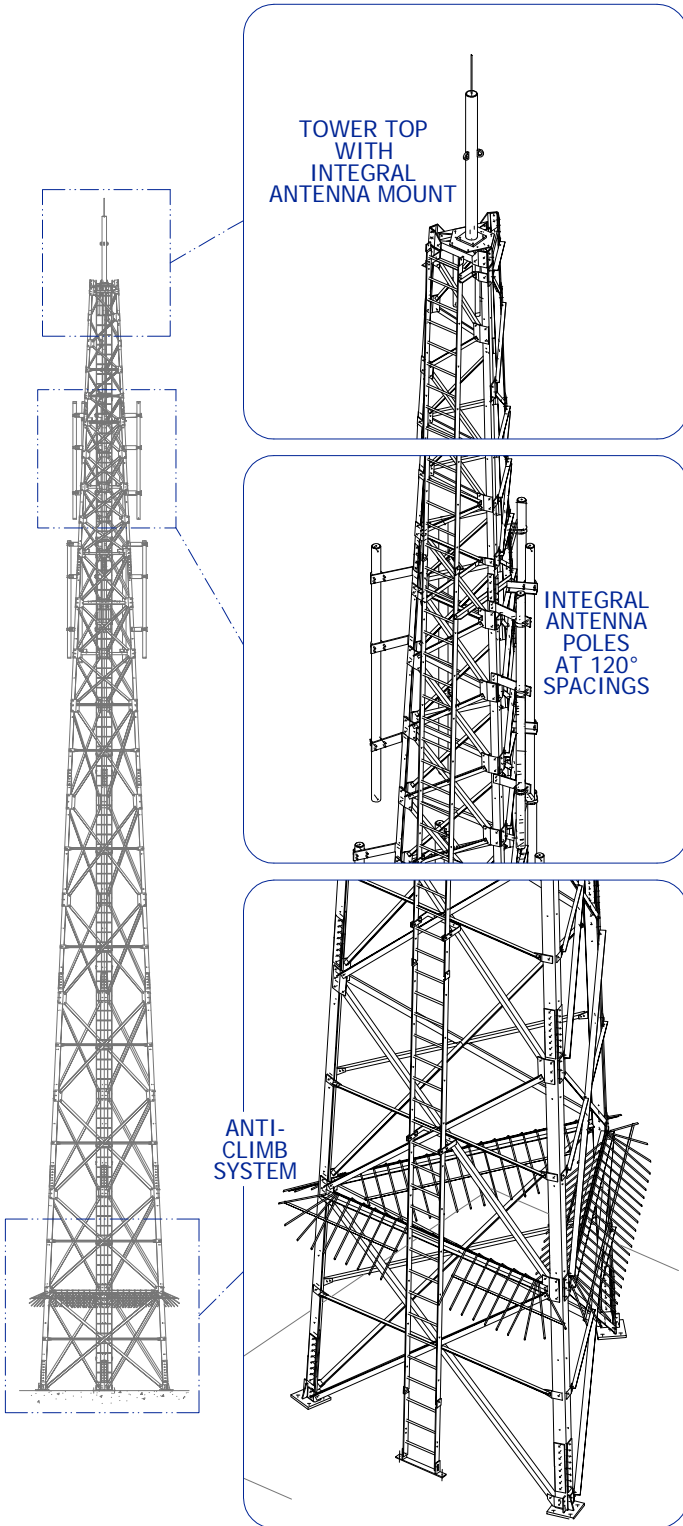
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STRUCTURES DATASHEET

AD3002 TOWER - Product Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
MAIN APPLICATION	CELLULAR / LIGHT MICROWAVE
PLAN SHAPE	TRIANGULAR
ELEVATION SHAPE	TAPERED
MAXIMUM BUILD HEIGHT	50m
FACEWIDTH	TOP = 400mm, BASE = 4325mm
PLATFORM SPACING	AS REQUIRED
ACCESS CONFIGURATION	EXTERNAL FACE LADDER
LEG SECTION	ANGLE
BRACE SECTION	ANGLE
DESIGN STEEL GRADE	S275 & S355 OR EQUIVALENT
TYPICAL LOADING	2 x (3 GSM & 2 DISHES)
UTILISED DESIGN CODES	BS.8100, CP3/BS.449
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

- All angle construction
- External (as shown) or internal ladder options available
- Triangular profile
- 3-user option for low-windspeed areas

PRODUCT DESCRIPTION

The AD3002 is an all-angle, low wind area, triangular tower primarily designed for medium duty cellular applications. This is a cost-effective alternative to triangular towers with traditional tubular leg design. Higher loadings can be achieved if the tower top is truncated.

Datasheet Number SDS_3002_001 Rev.B

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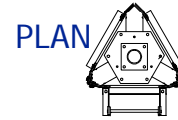
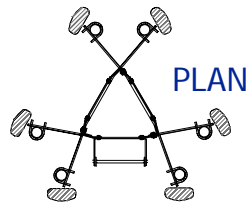
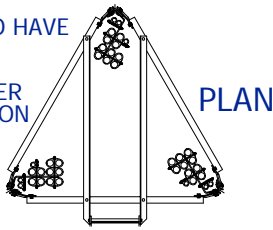
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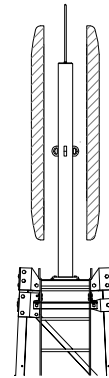
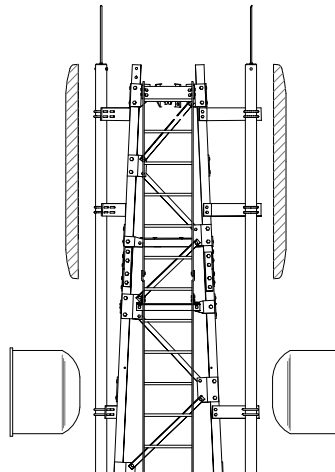
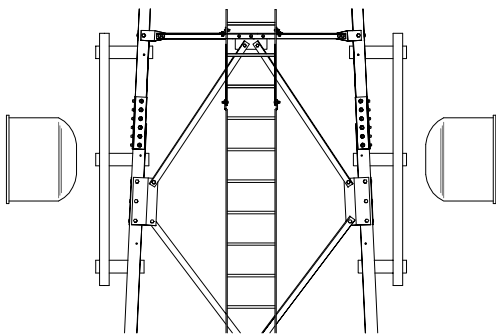
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TYPICAL LOADING ARRANGEMENTS

FEEDER BRACKETS MOUNTED FROM ALL THREE LEGS. THIS PROVIDES FACILITY FOR EACH USER TO HAVE A DEDICATED LEG RUN IN A TYPICAL 3-USER CONFIGURATION



400 WIDE LADDER



DISHES MOUNTED ON INTEGRAL ANTENNA POLES

DISHES & SECTORS MOUNTED ON INTEGRAL ANTENNA POLES

SECTORS MOUNTED ON TOWERTOP POLE

OPTIONAL FALL-ARREST SYSTEM FITTED TO LADDER

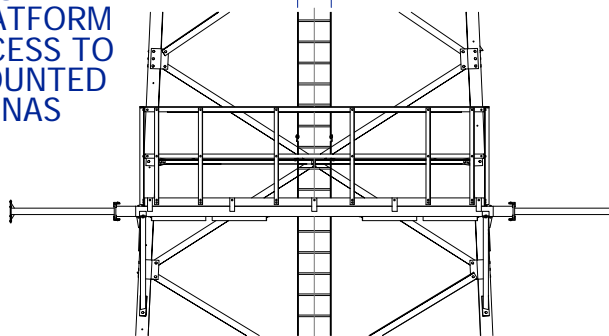
ANTENNA MOUNT ON FOLDING BOOM

WORK PLATFORM

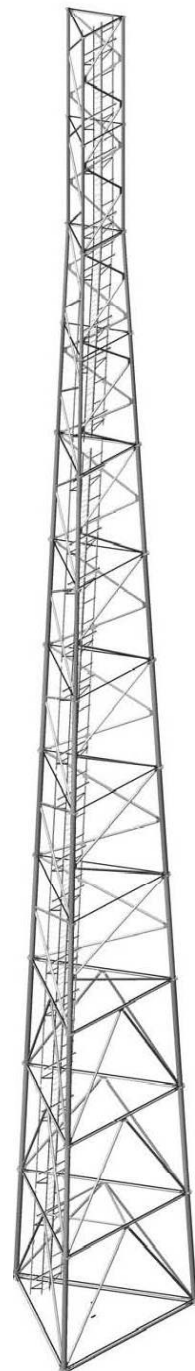
WORK PLATFORM

OPTIONAL FACE-MOUNTED WORK PLATFORM GIVES ACCESS TO BOOM-MOUNTED ANTENNAS

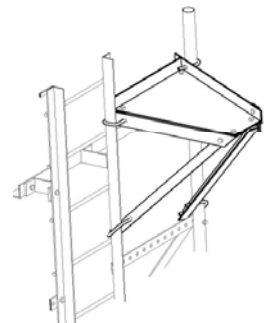
400mm WIDE LADDER



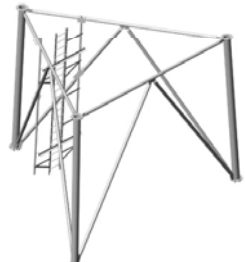
Datasheet Number SDS_3002_001 Rev.B



Top Parallel Panels



Rest Platforms



Bottom Panels



Stub/Template

STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
----------------	-------

MAIN APPLICATION	CELLULAR / MICROWAVE / LIGHT BROADCAST
------------------	--

PLAN SHAPE	TRIANGULAR
------------	------------

ELEVATION SHAPE	TAPERED WITH PARALLEL TOP
-----------------	---------------------------

MAXIMUM BUILD HEIGHT	60 Meter
----------------------	----------

FACEWIDTH	TOP = 2000mm (Parallel Panels)
	BASE = 6400 mm (60m Tower)

PLATFORM SPACING	AVAILABLE AT 5m INTERVALS
------------------	---------------------------

ACCESS CONFIGURATION	INTERNAL LADDER
----------------------	-----------------

LEG SECTION	CIRCULAR TUBE
-------------	---------------

BRACE SECTION	CIRCULAR TUBE
---------------	---------------

DESIGN STEEL GRADE	IS:1161, YS=310 N/MM2
--------------------	-----------------------

TYPICAL LOADING	CELLULAR / MICROWAVE / LIGHT BROADCAST
-----------------	--

UTILISED DESIGN CODES	EIA-222-G
-----------------------	-----------

FINISH	GALVANISED
--------	------------

ATTRIBUTES	<p>Lighter weight for required parameters, resulting in lower material, foundation & erection cost.</p> <p>Logistics friendly as all members are less than 6 mtr.</p> <p>Limited number of members result in reduced erection time and lower chance of missing members.</p> <p>Modular Platform.</p> <p>Combined cable and climbing ladder is placed inside the tower cross section.</p>
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LADDER & CABLE TRAY



TOP PANELS



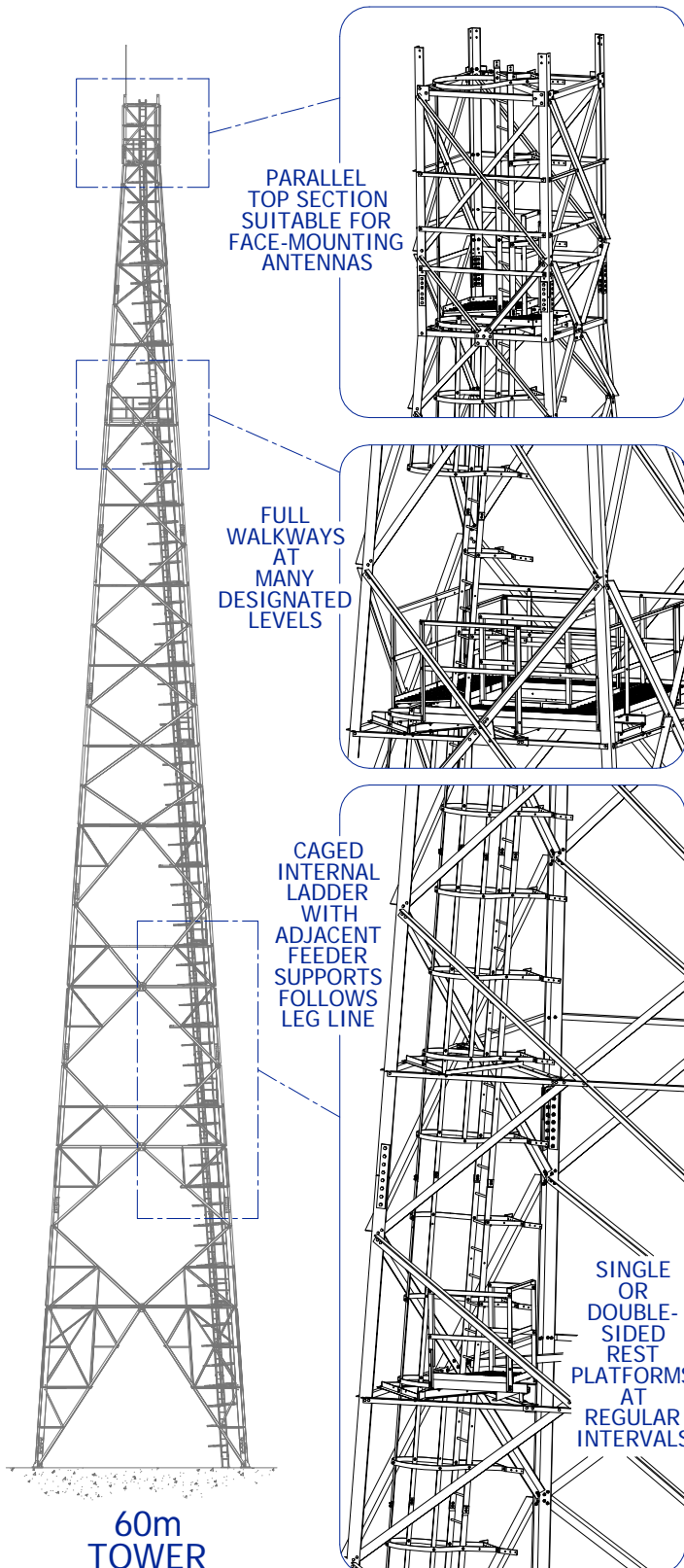
BOTTOM PANEL

Datasheet No_AD1_AD3030_Rev C

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STRUCTURES DATASHEET

AD7000 / TO7 TOWER - Overview



60m
TOWER

STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
MAIN APPLICATION	BROADCAST
PLAN SHAPE	SQUARE
ELEVATION SHAPE	TAPERED WITH PARALLEL TOP
MAXIMUM BUILD HEIGHT	225m
FACEWIDTH	TOP = 640mm (TOP SPINE) MAX. BASE = 27620mm
PLATFORM SPACING	FLEXIBLE - REGULAR INTERVALS
ACCESS CONFIGURATION	INTERNAL CAGED LADDER
LEG SECTION	ANGLE
BRACE SECTION	ANGLE
DESIGN STEEL GRADE	S275 & S355 / SS400 & SS540
TYPICAL LOADING	HEAVY CELLULAR & MICROWAVE, LIGHT to VERY HEAVY BROADCAST
SITESHARE CAPACITY	YES
UTILISED DESIGN CODES	BS.8100
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

- Quick and easy to manufacture
- Quick and easy to erect
- Sturdy and safe structure to work on and maintain
- Multiple application capability,
from 35m cellular to 225m heavy broadcast
- Extendible feeder management system

Datasheet Number SDS_7000_001 Rev.D

PRODUCT DESCRIPTION

The AD7000 and TO7 have been designed as a multi-purpose tower capable of supporting heavy loads. This gives great versatility of usage, with applications ranging from cellular to heavy broadcast. This structure has been utilised worldwide for many years, and in many forms. It is designed to allow global economy of manufacture, with capability of manufacture from a variety steel sources.

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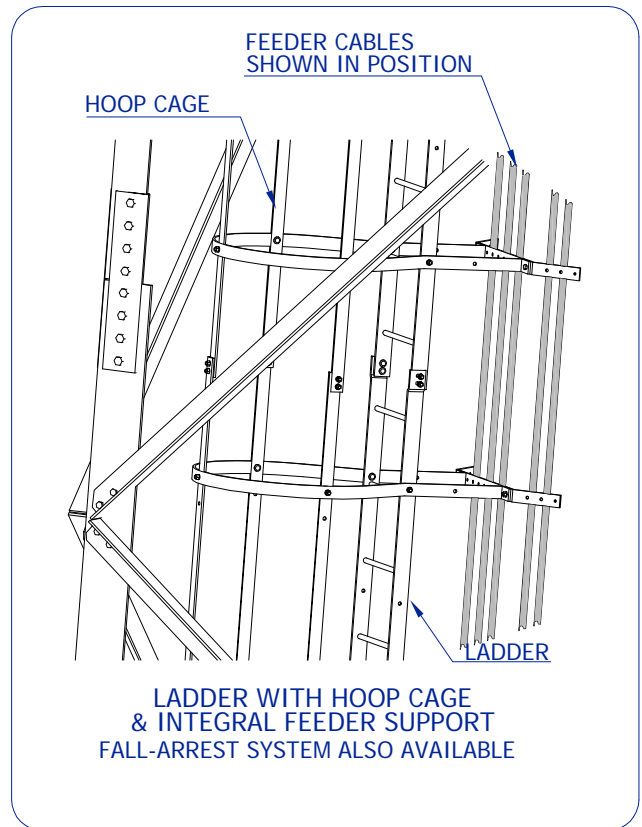
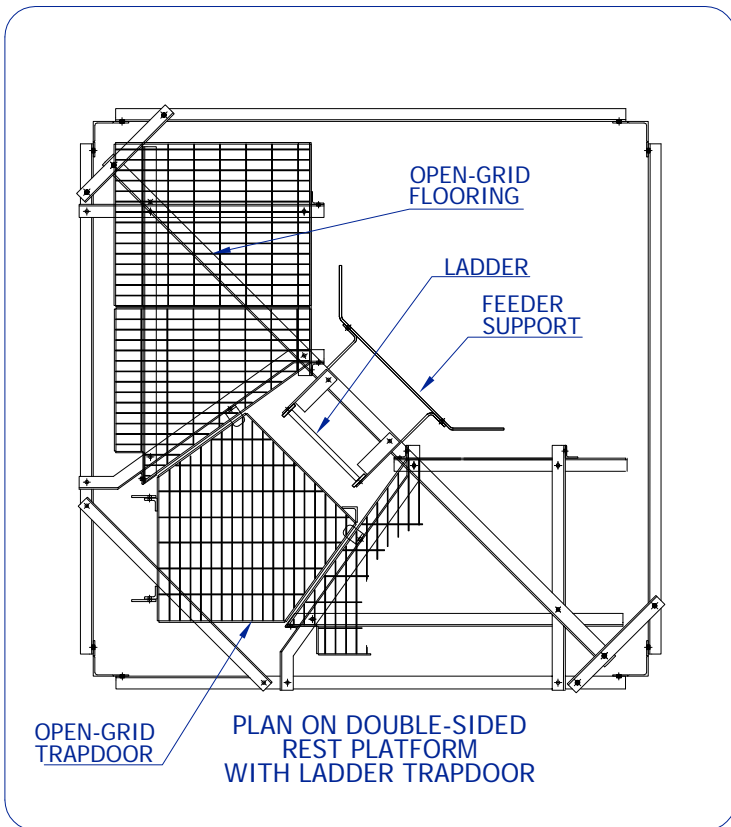
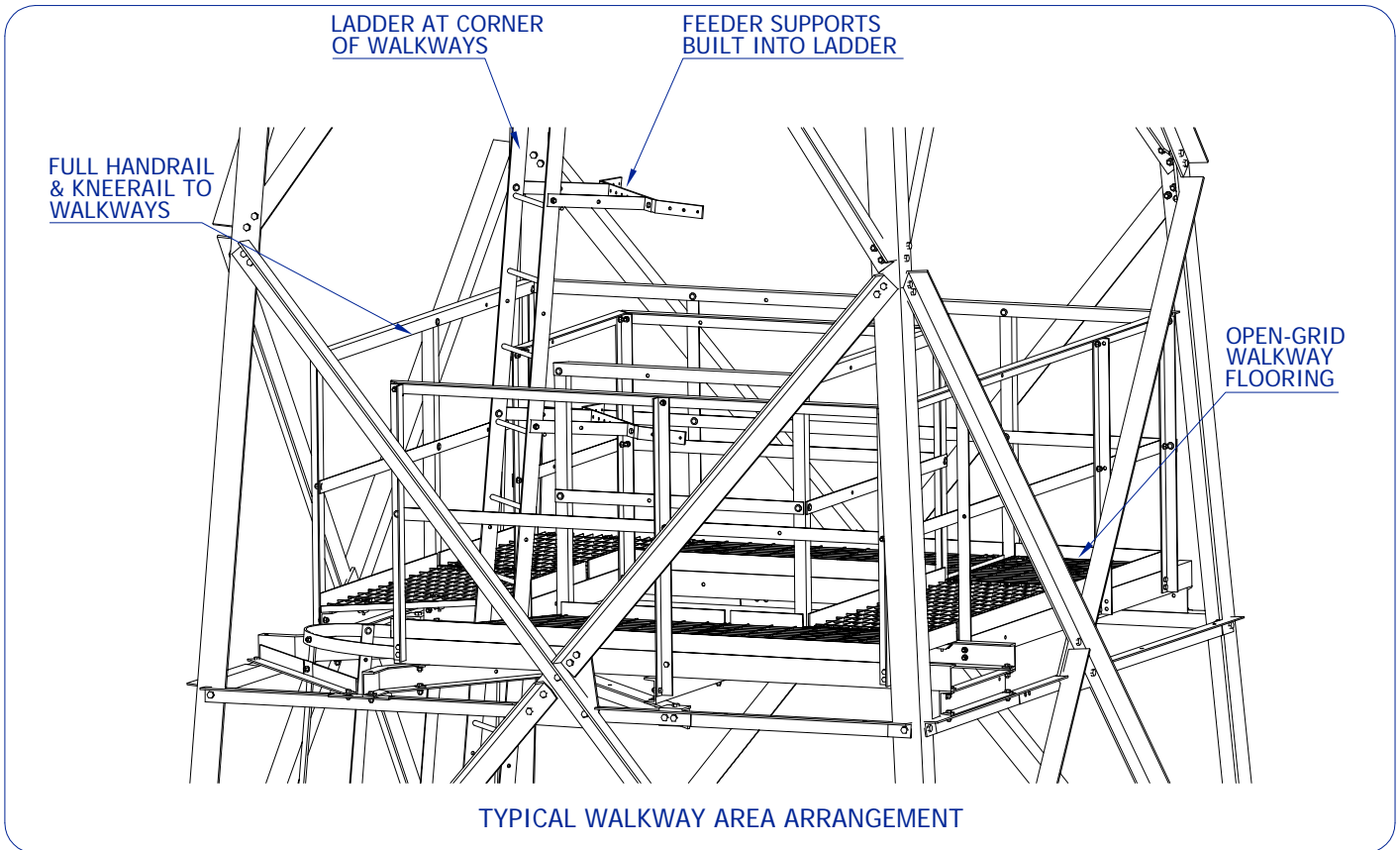
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STRUCTURES DATASHEET

AD7000 / T07 TOWER - Features



Datasheet Number SDS_7000_001 Rev.D

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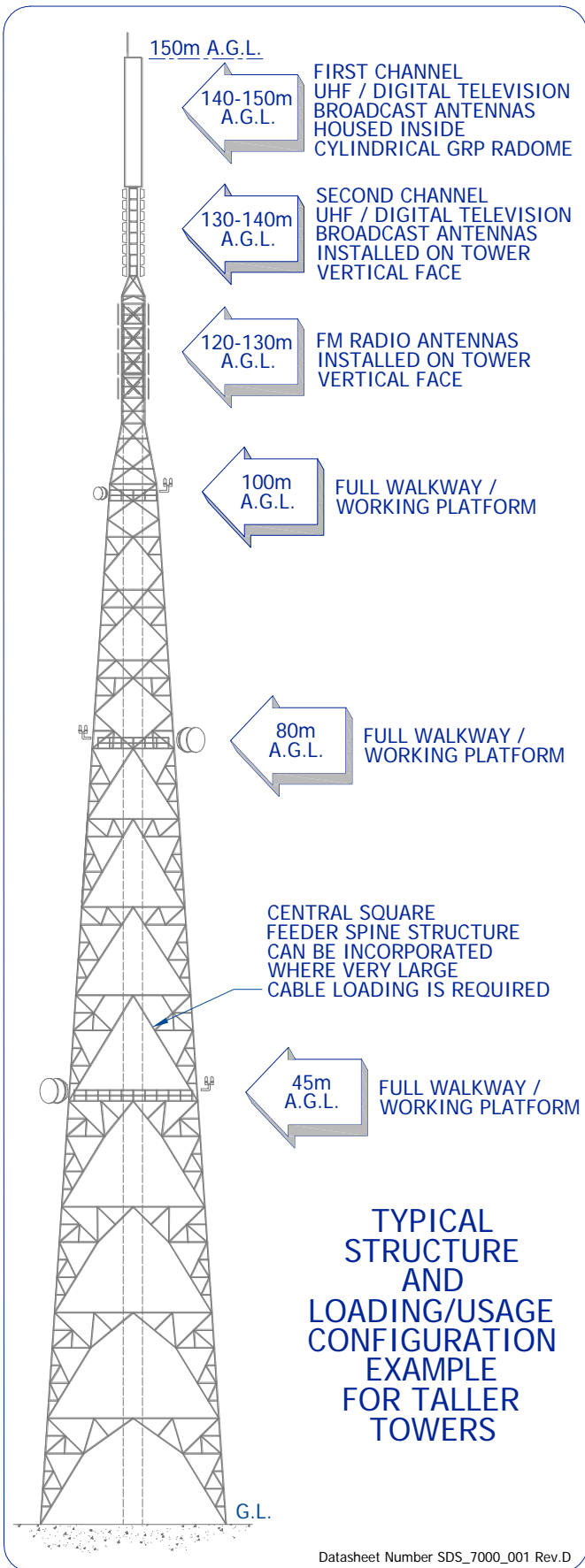
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STRUCTURES DATASHEET

AD7000 / TO7 - Features

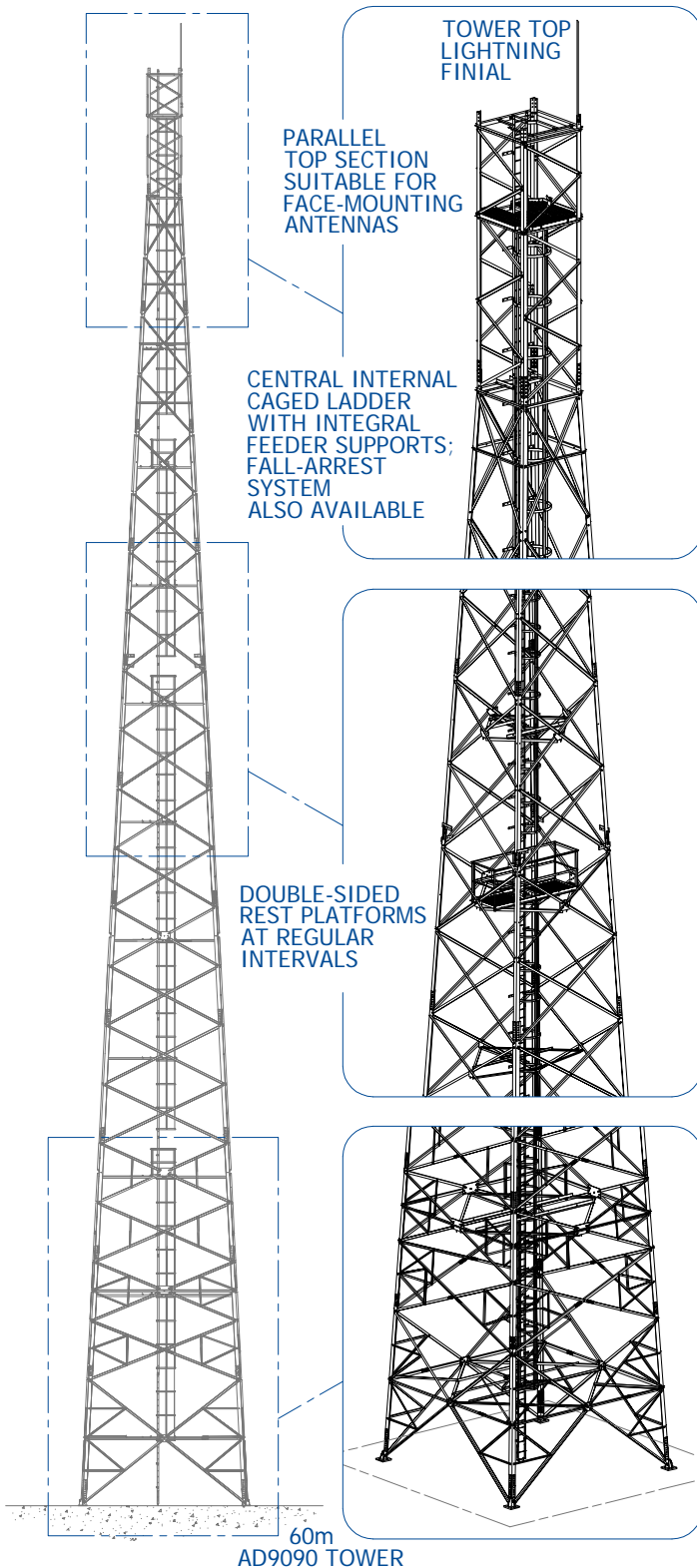


Datasheet Number SDS_7000_001 Rev.D



STRUCTURES DATASHEET

AD9090 TOWER - Product Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
MAIN APPLICATION	CELLULAR / MICROWAVE / LIGHT BROADCAST
PLAN SHAPE	SQUARE
ELEVATION SHAPE	TAPERED WITH PARALLEL TOP
MAXIMUM BUILD HEIGHT	115m
FACEWIDTH	TOP = 900mm (Parallel Panels) BASE = 10400mm (100m Tower)
PLATFORM SPACING	AVAILABLE AT 5m INTERVALS
ACCESS CONFIGURATION	INTERNAL LADDER
LEG SECTION	ANGLE
BRACE SECTION	ANGLE
DESIGN STEEL GRADE	S275 & S355
TYPICAL LOADING	CELLULAR / MICROWAVE / LIGHT BROADCAST
SITESHARE CAPACITY	YES
UTILISED DESIGN CODES	BS.8100
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

- Lighweight for height
- Good deflection characteristics for height
- Easy logistics due to all-angle construction
- Quick to fabricate and erect
- Small storage area requirements for tower components

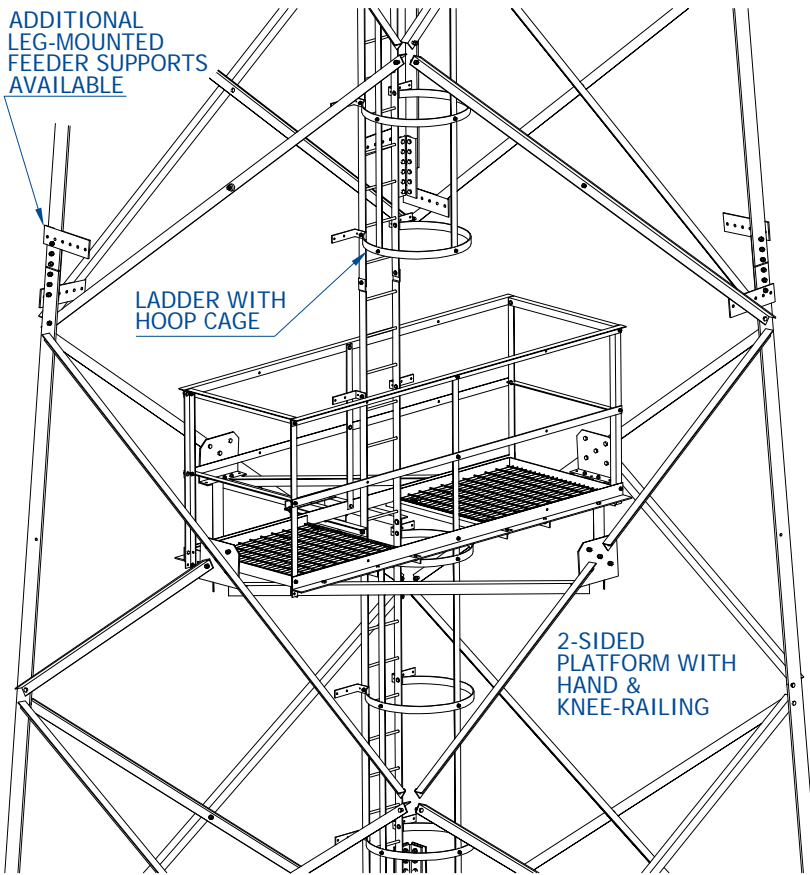
PRODUCT DESCRIPTION

The AD9090 range of towers has been designed specifically as a general-purpose tower with good loading and deflection criteria to meet the requirements of major global operators.

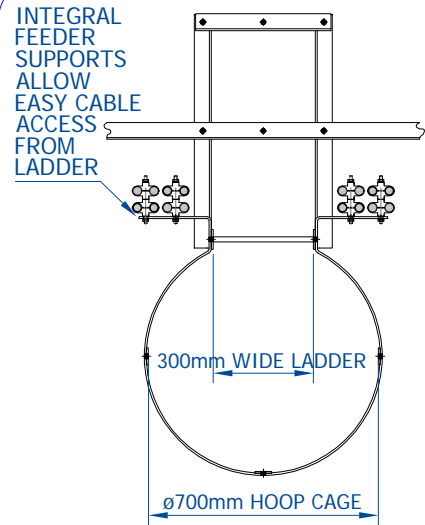
The all-angle construction of this tower ensures efficient fabrication and logistics, and allows easy enhancements to the structure. Used globally, many variations of this tower type have been designed to allow fabrication in many areas of the world.

STRUCTURES DATASHEET

AD9090 TOWER - Features

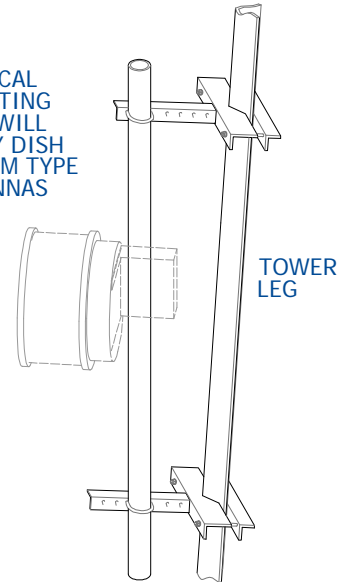


CENTRAL INTERNAL CAGED LADDER & DOUBLE-SIDED REST PLATFORM
(N.B. Shown with some tower bracing removed for clarity)



PLAN ON TYPICAL LADDER & CAGE ARRANGEMENT

VERTICAL MOUNTING POLE WILL CARRY DISH OR GSM TYPE ANTENNAS



TYPICAL ANTENNA LEG MOUNT FOR VERTICAL OR SLOPING TOWER LEG

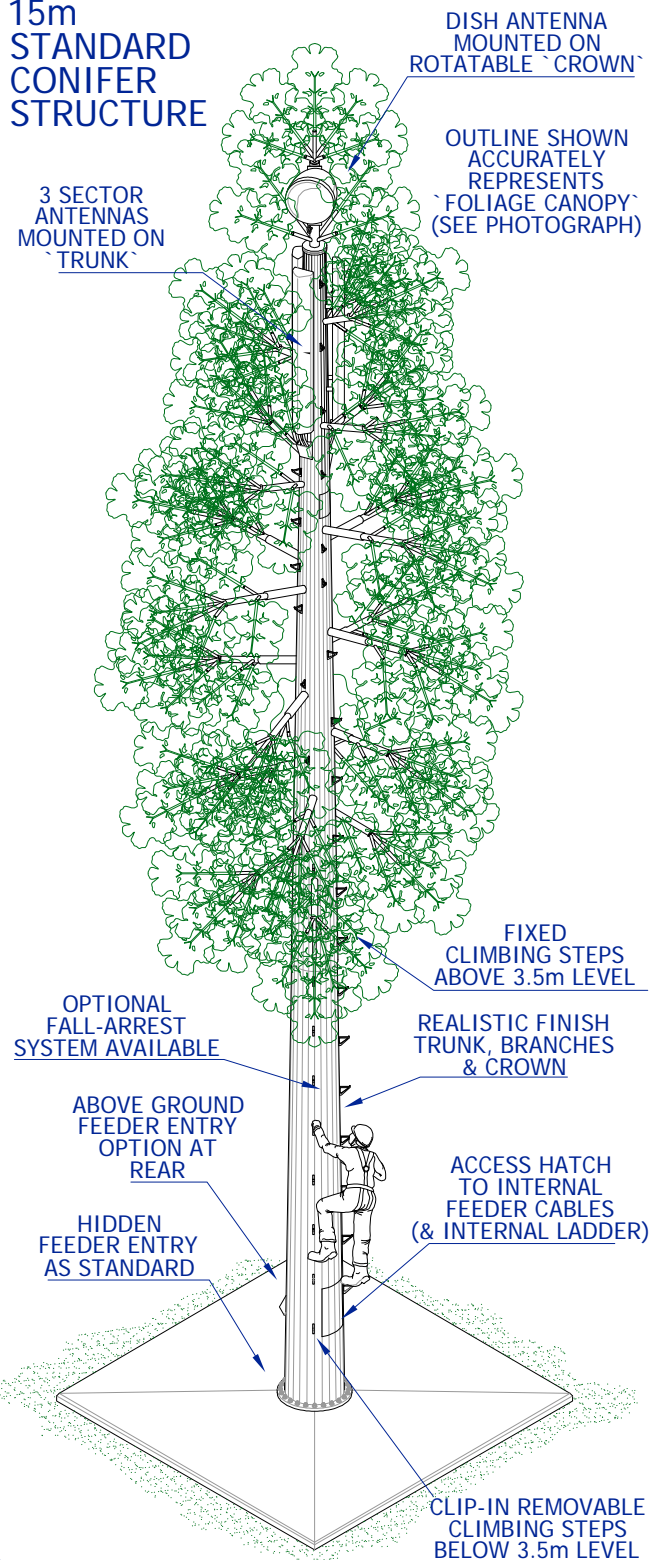


STRUCTURES DATASHEET

CELLULAR CONIFER - Overview



15m STANDARD CONIFER STRUCTURE



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TREE
MAIN APPLICATION	CELLULAR
PLAN SHAPE	CIRCULAR MONOPOLE
ELEVATION SHAPE	TREE
BUILD HEIGHT RANGE	15m to 25m
FACEWIDTH	TOP = 280mm, BASE = 730mm (A/F, 15m STRUCTURE)
PLATFORM SPACING	N/A
ACCESS CONFIGURATION	EXTERNAL CLIMBING RUNGS
TRUNK SECTION	FOLDED PLATE MONOPOLE
BRANCH SECTION	TUBE
DESIGN STEEL GRADE	S275
TYPICAL LOADING	3-SECTOR ARRAY, 1-0.6m DISH
UTILISED DESIGN CODES	CP3, BS5950
FINISH	GALVANISED TO BS.EN.ISO.1461
SITESHARE OPTION	NO
ATTRIBUTES	<p>"Millennium Products" design award-winning product</p> <p>Structures are extendible to 25m maximum</p> <p>Offers effective stealth solution for greenfield installations</p> <p>Excellent antenna performance with no degradation in rain or snow conditions</p> <p>Wind loading proven by wind tunnel testing</p> <p>Antennas are semi-concealed whilst maintaining clear line of sight in designated directions</p>

PRODUCT DESCRIPTION

The Alan Dick Cellular Conifer has been designed to give a low visual impact whilst maintaining excellent technical performance. This makes it an ideal product for greenfield installations, particularly in sensitive areas where planning permission is difficult to obtain. Its realistic finish and authentically coloured foliage allows it to blend into countryside surroundings. All structures are extendible in height to 25m. The Cellular Conifer is transported to site in modular format, and therefore is simple and quick to erect. For further details of AsiaPac version, see additional Cellular Pine Tree datasheet.

Datasheet Number SDS_CON_001 Rev.B

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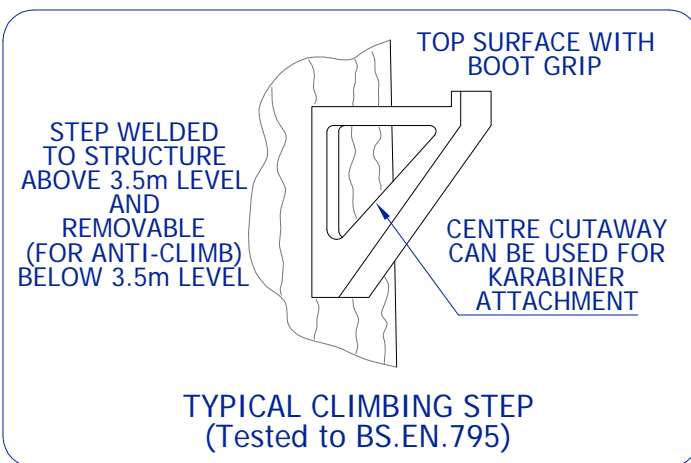
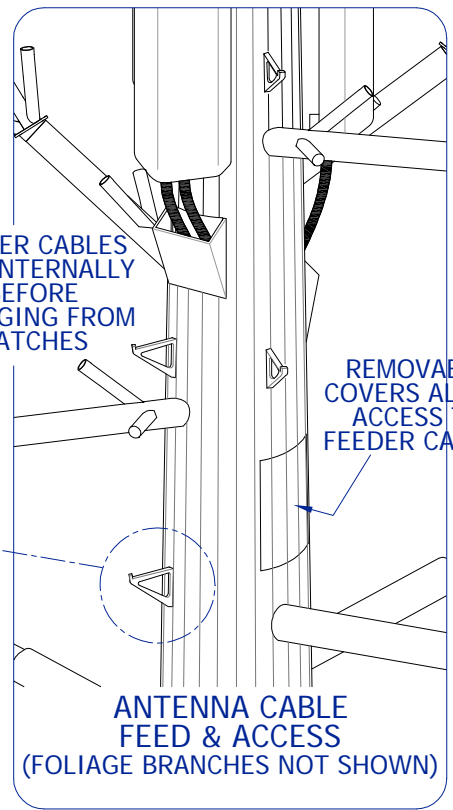
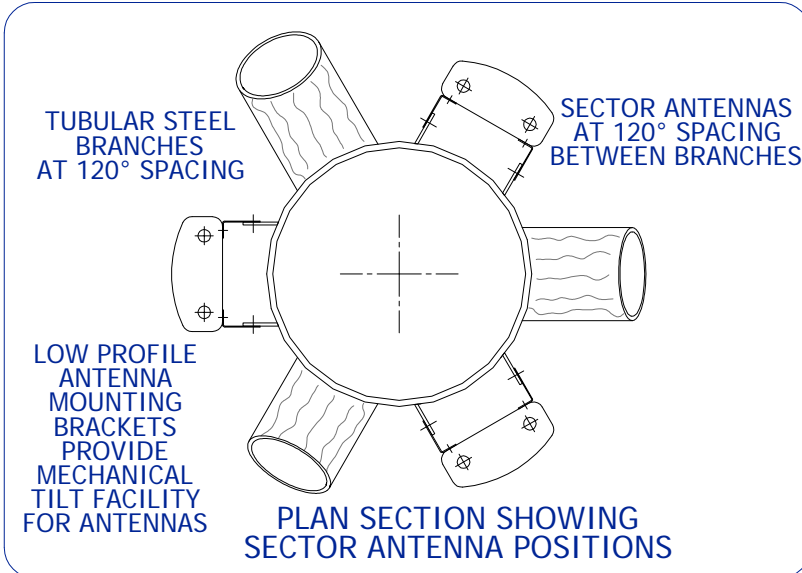
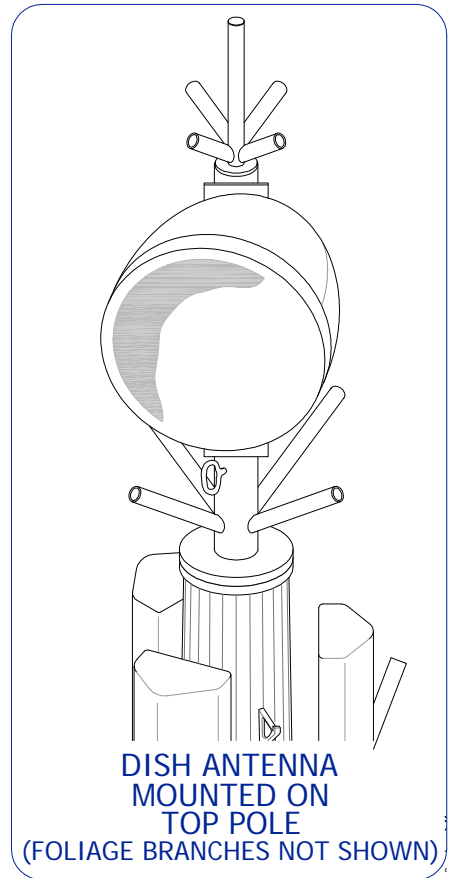
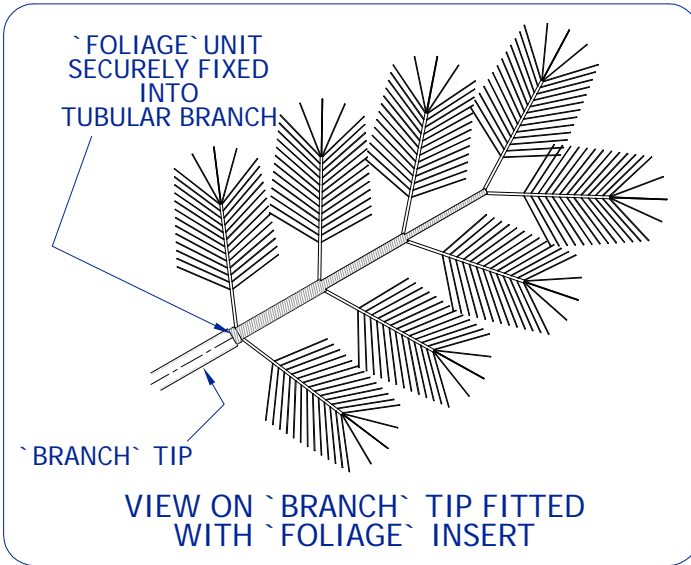
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STRUCTURES DATASHEET
CELLULAR CONIFER - Features



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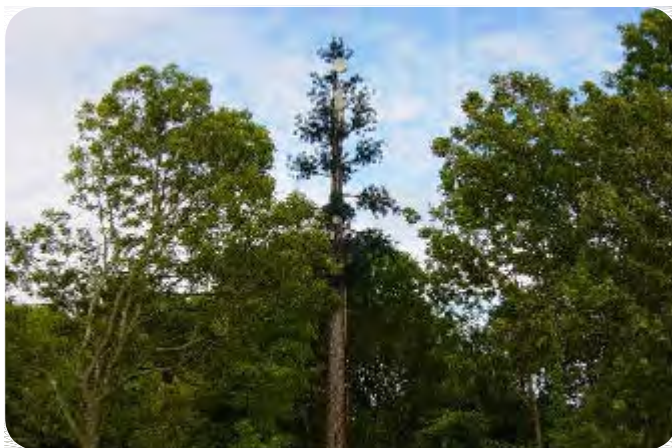
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STRUCTURES DATASHEET
CELLULAR CONIFER - Photo Images



ANTENNAS IN `FOLIAGE`
GREEN/BROWN COLOURED
ANTENNA OPTION AVAILABLE
TO MINIMISE VISUAL IMPACT



ALANDICK
CELLULAR CONIFER
STRUCTURE

Datasheet Number SDS_CON_001 Rev.B

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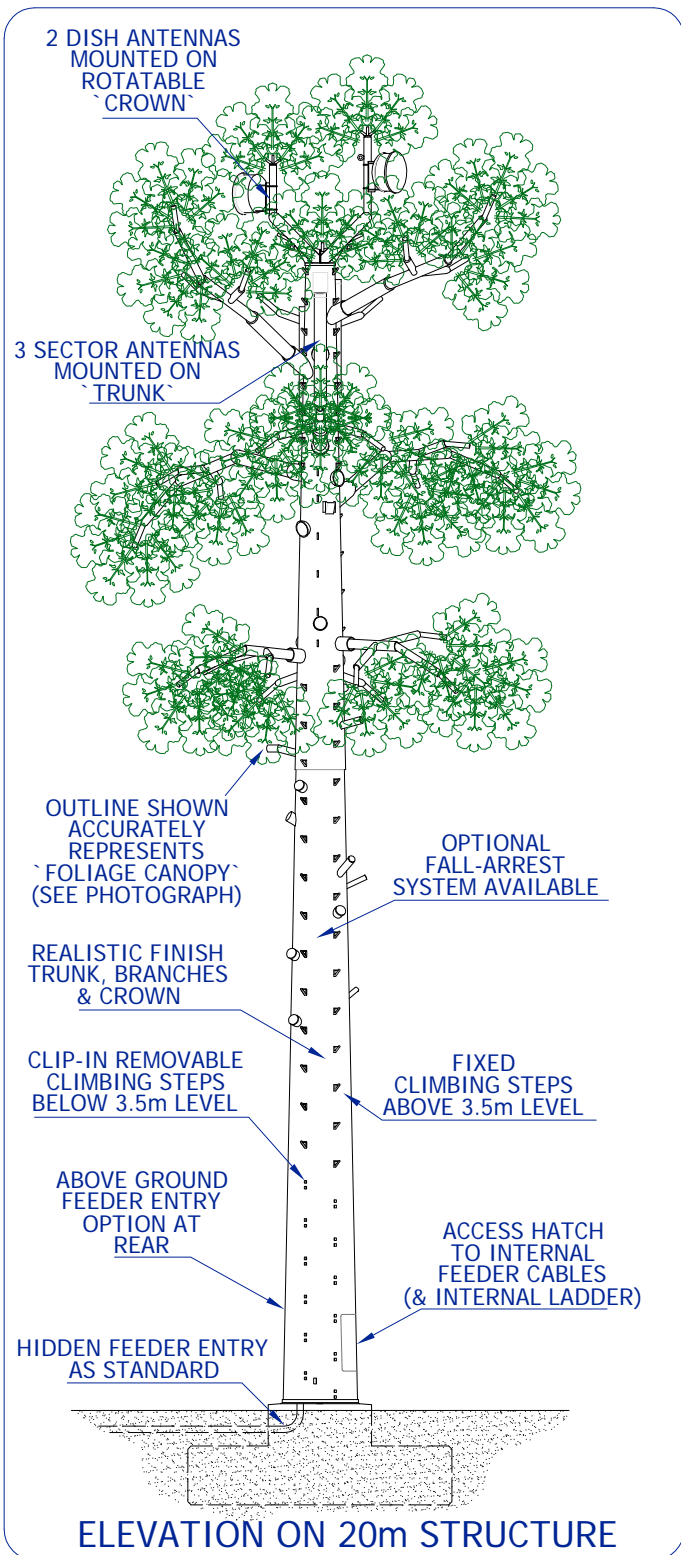
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STRUCTURES DATASHEET

CELLULAR SCOTS PINE - Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TREE
MAIN APPLICATION	CELLULAR
PLAN SHAPE	CIRCULAR MONOPOLE
ELEVATION SHAPE	TREE
BUILD HEIGHT RANGE	15m to 25m
FACEWIDTH	TOP = 460mm, BOTTOM = 1350mm
PLATFORM SPACING	INTERNAL REST SEATS @ 7.5m c/c
ACCESS CONFIGURATION	EXTERNAL CLIMBING RUNGS and INTERNAL LADDER
TRUNK SECTION	FOLDED PLATE MONOPOLE
BRANCH SECTION	TUBE
DESIGN STEEL GRADE	S275
TYPICAL LOADING	3-SECTOR ARRAY, 3-0.6m DISHES
UTILISED DESIGN CODES	CP3, BS5950
FINISH	GALVANISED TO BS.EN.ISO.1461
SITESHARE OPTION	YES
ATTRIBUTES	<p>"Millenium Products" design award winning product</p> <p>Structures are extendible to 25m maximum</p> <p>Offers effective stealth solution for greenfield installations</p> <p>Excellent antenna performance, with no degradation in rain or snow conditions</p> <p>Wind loading proven by wind tunnel testing</p> <p>Antennas are semi-concealed whilst giving clear line of sight in designated directions</p>

PRODUCT DESCRIPTION

The AlanDick Cellular Scots Pine is a "Millenium Products" Design Award winning structure, and has been designed to give low visual impact whilst maintaining excellent technical performance. This makes it an ideal product for greenfield installations, particularly in "sensitive" areas where planning permission is difficult to obtain. Its realistic finish and authentically coloured "foliage" allows it to blend into countryside surroundings.

All structures are extendible in height to 25m, and can also be upgraded to carry sitieshare loads by the addition of special antenna mounts. The Cellular Scots Pine is transported to site in modular format, and therefore is simple and quick to erect. For further details of AsiaPac version, see additional "Cellular Pine Tree" datasheet.

Datasheet Number SDS_SCOT_001 Rev.B

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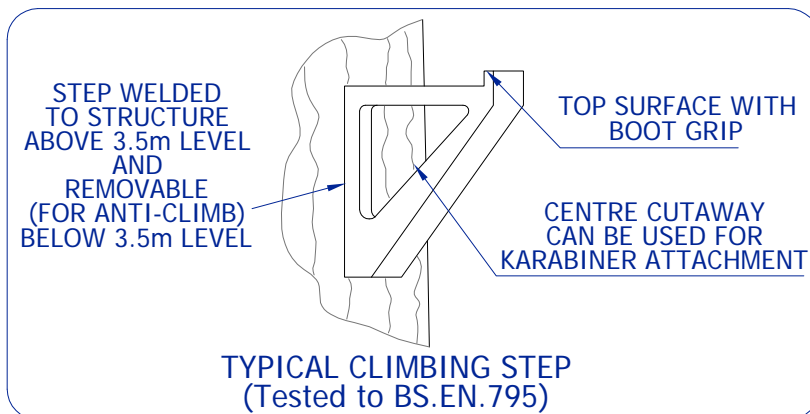
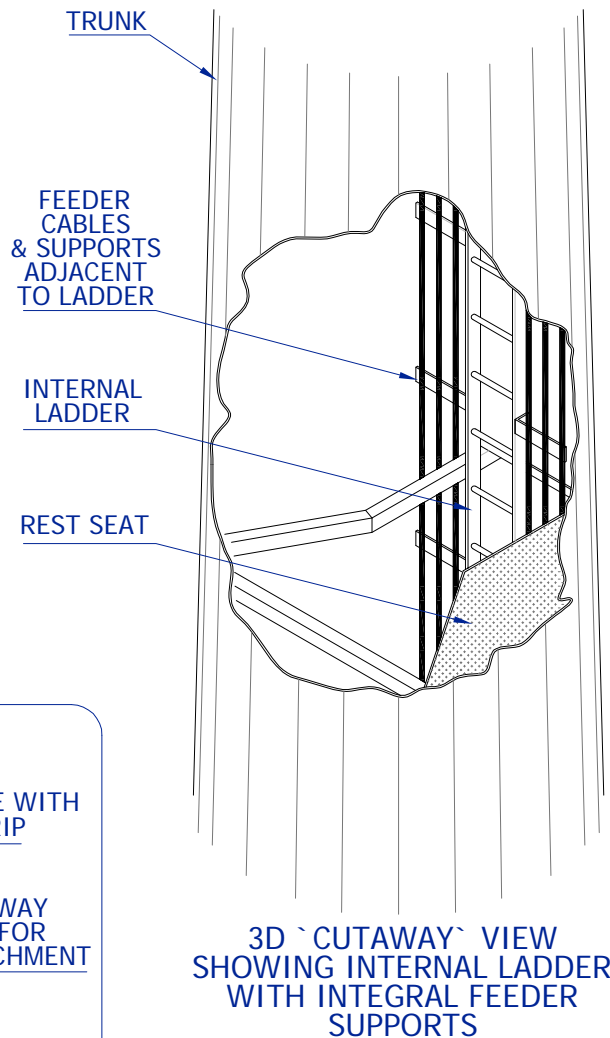
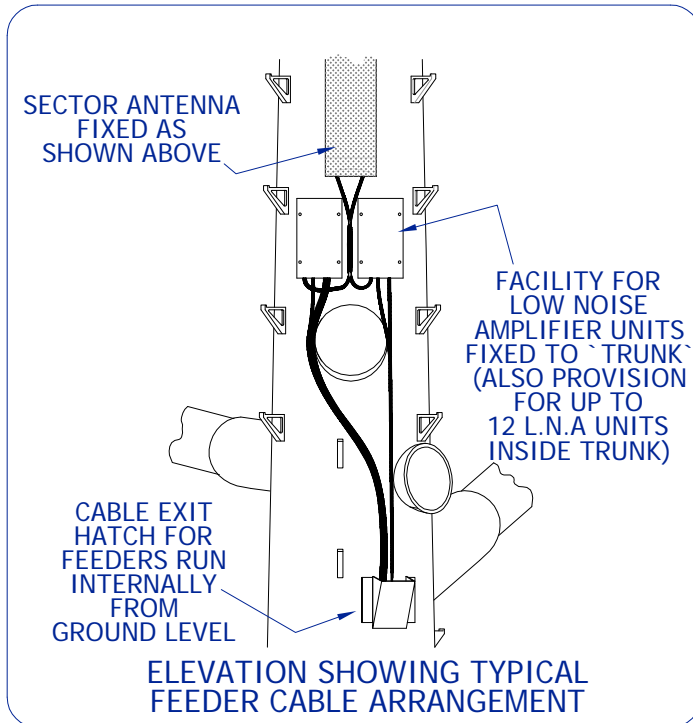
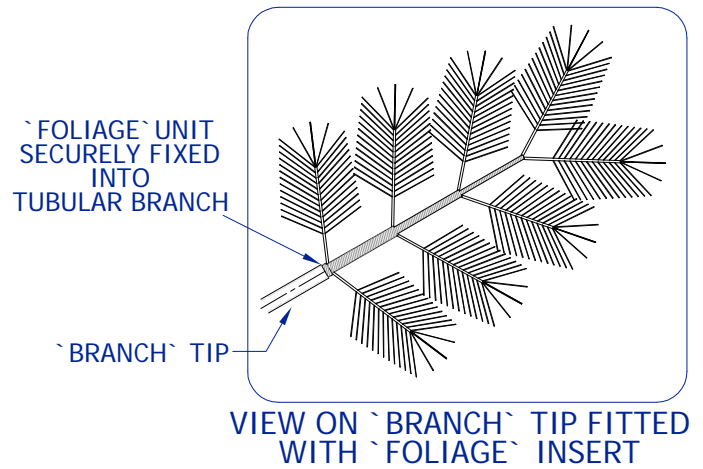
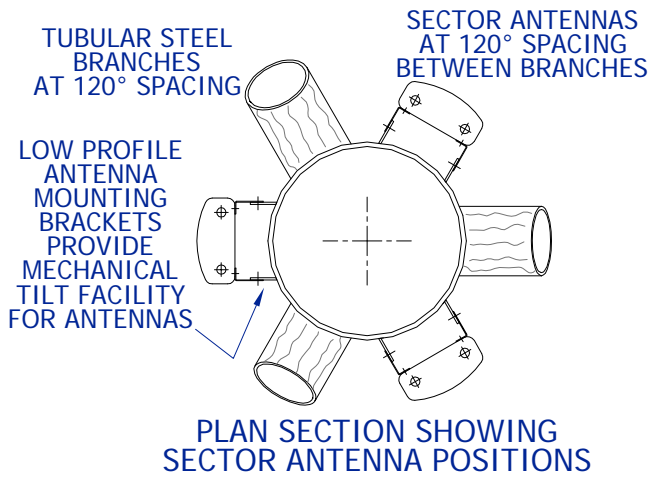
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STRUCTURES DATASHEET

CELLULAR SCOTS PINE - Features



Datasheet Number SDS_SCOT_001 Rev.B

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STRUCTURES DATASHEET
CELLULAR SCOTS PINE - Features



MILLENNIUM PRODUCTS
AWARD WINNING
CELLULAR SCOTS PINE
STRUCTURE



BRANCH MEMBER UNDERGOING
WIND TUNNEL TESTING

Datasheet Number SDS_SCOT_001 Rev.B

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STRUCTURES DATASHEET

`ROOF RUNNER` RDS - Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	RAPID DEPLOYMENT	POLE/RAIL CONSTRUCTION	GALVANISED STEEL TUBE
MAIN APPLICATION	CELLULAR & LIGHT MICROWAVE	BASE/TRAY CONSTRUCTION	ELASTOMER
TYPICAL LOADING	CELLULAR & LIGHT MICROWAVE	DESIGN STEEL GRADE	S275
ANTENNA MOUNT HEIGHTS	2m / 3m / 4m / 5m	SITESHARE CAPACITY	YES
FINISH	GALVANISED TO BS.EN.ISO.1461	UTILISED DESIGN CODES	CP3, BS.5950

ATTRIBUTES

- Non-penetrative free-standing components result in low imposed roof loads
- Available in `piecemeal` component form, allowing ultimate build flexibility, extendibility, and ease of transport
- Exceptionally quick to assemble and position
- Superior cost-effectiveness over traditional penetrative rooftop solutions

PRODUCT DESCRIPTION

Roof Runner is an innovative range of products from AlanDick, specifically engineered as a rapid deployment, non-penetrative rooftop cable management system. It includes a range of antenna and microwave dish mounting solutions, platforms to support outdoor equipment cabinets, cables and safety handrailing.

The key to Roof Runner's success is its ease of installation, potential extendibility and ultimate flexibility. All components are non-penetrative with load-spreading bases moulded from elastomer material, and therefore freestanding. This enables the antenna mounts to withstand maximum design loads, whilst minimising static roof loads.

The Roof Runner system can be built on any rooftop site, or pre-constructed and craned into position, making it extremely quick to install. This in turn significantly reduces cost and `time to air` when compared with traditional rooftop solutions. To see the full range of Roof Runner products, and for installation information, request AlanDick Roof Runner Design Guide and Technical Manual documents.

Datasheet Number SDS_RDS_RR_001 Rev.A

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STRUCTURES DATASHEET

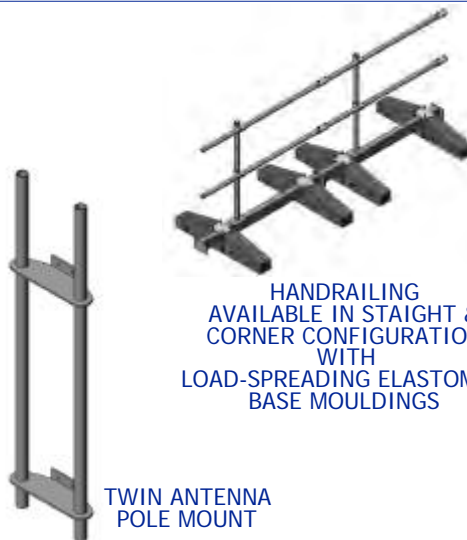
`ROOF RUNNER` RDS - Features



REPRESENTATIVE EXAMPLE OF COMPONENT RANGE

MOUNTS & RAILS

ANTENNA TRIPODS ARE 2m, 3m OR 4m IN HEIGHT AND ARE AVAILABLE WITH OR WITHOUT HANDRAILING - ALL HAVE LOAD-SPREADING ELASTOMER BASE MOULDINGS.



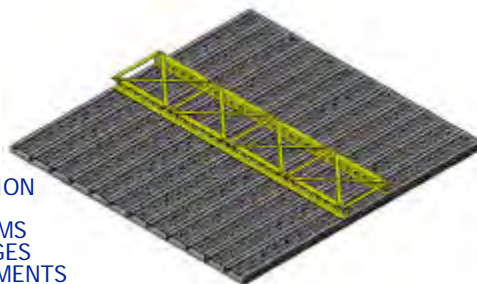
TWIN ANTENNA POLE MOUNT

HANDRAILING AVAILABLE IN STRAIGHT & CORNER CONFIGURATION WITH LOAD-SPREADING ELASTOMER BASE MOULDINGS

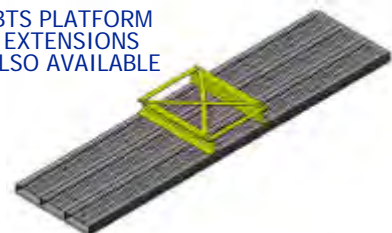


BTS PLATFORMS

`GRATING` CONSTRUCTION LOAD-SPREADING ROOFTOP BTS PLATFORMS AVAILABLE WITH GILLAGES TO SUIT CABINET REQUIREMENTS

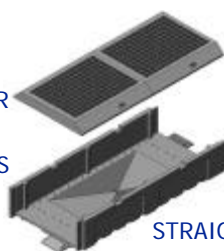


BTS PLATFORM EXTENSIONS ALSO AVAILABLE



CABLE TRAY COMPONENTS

A COMPREHENSIVE RANGE OF MOULDED ELASTOMER & STEEL CABLE TRAY SYSTEM COMPONENTS IS AVAILABLE



STRAIGHT



CORNER



TEE



BRIDGES & RISERS

CLAMPS, HARDWARE & EARTHING

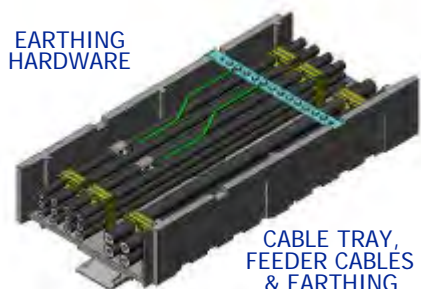


CABLE CLAMPS



HINGES, BRACKETS & CABLE SUPPORTS

EARTHING HARDWARE



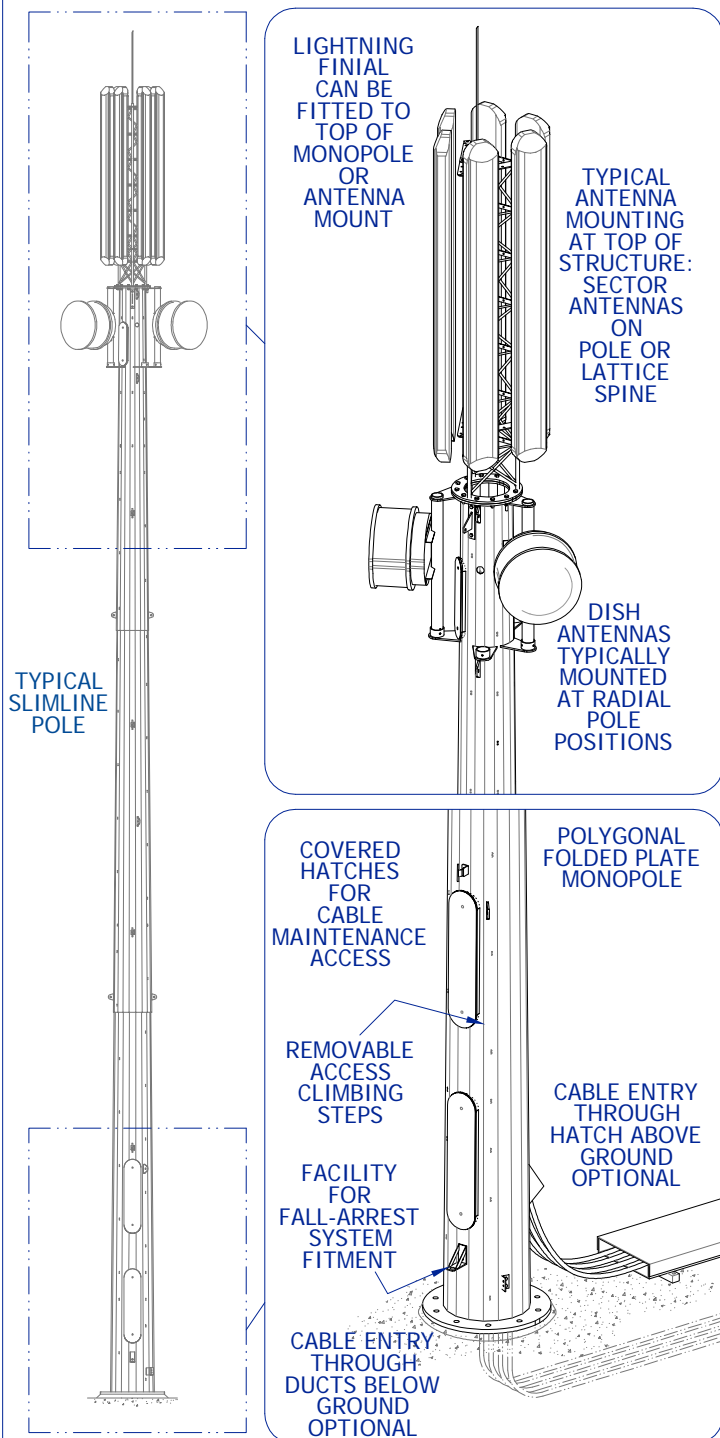
CABLE TRAY, FEEDER CABLES & EARTHING HARDWARE

Datasheet Number SDS_RDS_RR_001 Rev.A

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STRUCTURES DATASHEET

POLYGONAL MONOPOLES - Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	MONOPOLE
MAIN APPLICATION	CELLULAR & LIGHT MICROWAVE
PLAN SHAPE	ROUND
ELEVATION SHAPE	TAPERED
MAXIMUM BUILD HEIGHT	30m GENERALLY / 45m MAXIMUM
FACEWIDTH	VARIOUS
PLATFORM SPACING	N/A
ACCESS CONFIGURATION	EXTERNAL LADDER / CLIMB RUNGS
POLE CONSTRUCTION	FOLDED PLATE
BRACE SECTION	N/A
DESIGN STEEL GRADE	S275 OR EQUIVALENT
TYPICAL LOADING	SINGLE or MULTI-USER CELLULAR / LIGHT MICROWAVE
UTILISED DESIGN CODES	CP3, BS.8100, EIA
FINISH	GALVANISED TO BS.EN.ISO.1461
ATTRIBUTES	<ul style="list-style-type: none"> Low visual impact due to smooth, feature-free construction High windspeed/loading ratio Discreet but accessible internal feeder cable management Quick to erect

PRODUCT DESCRIPTION

Alan Dick polygonal folded plate monopole structures are a low-profile alternative to traditional lattice towers and masts.

Developed primarily as a low visual impact solution for the worldwide cellular market, this type of structure is ideally suited to carry Cross-Polar Antennas. Furthermore, designs also accommodate deflection criteria suitable for microwave links.

Structures are fully galvanised, including internal surfaces of folded plate poles.

A comprehensive range of ancillary products is available for fitment to these structures, including anti-climb devices, fall-arrest devices, lightning protection systems and mounts for all types of cellular antennas. Cable management is invariably internal, reducing visual impact and wind area, and protecting cables and equipment.

Monopoles have proved to be popular with planning authorities, and continue to be employed on a widespread basis by worldwide cellular networks.

Datasheet Number SDS_MONO_001 Rev.A

Alan Dick plan, deploy, maintain, manage and upgrade communication networks on a global basis by offering products and services for Fixed Line and Wireless networks

Communication Infrastructure Solutions

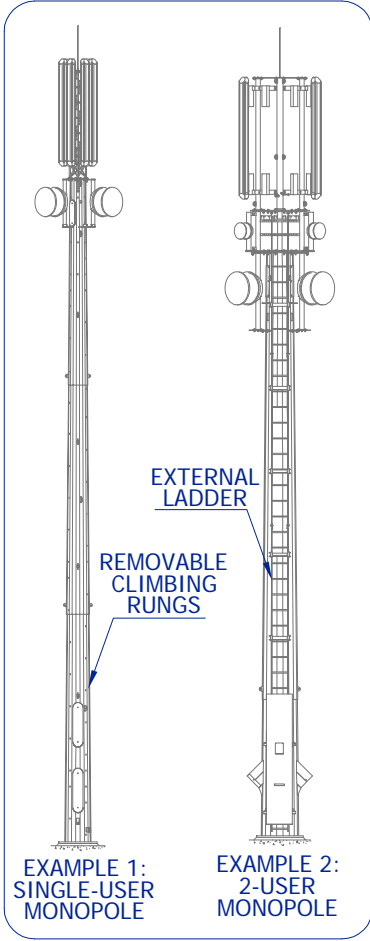
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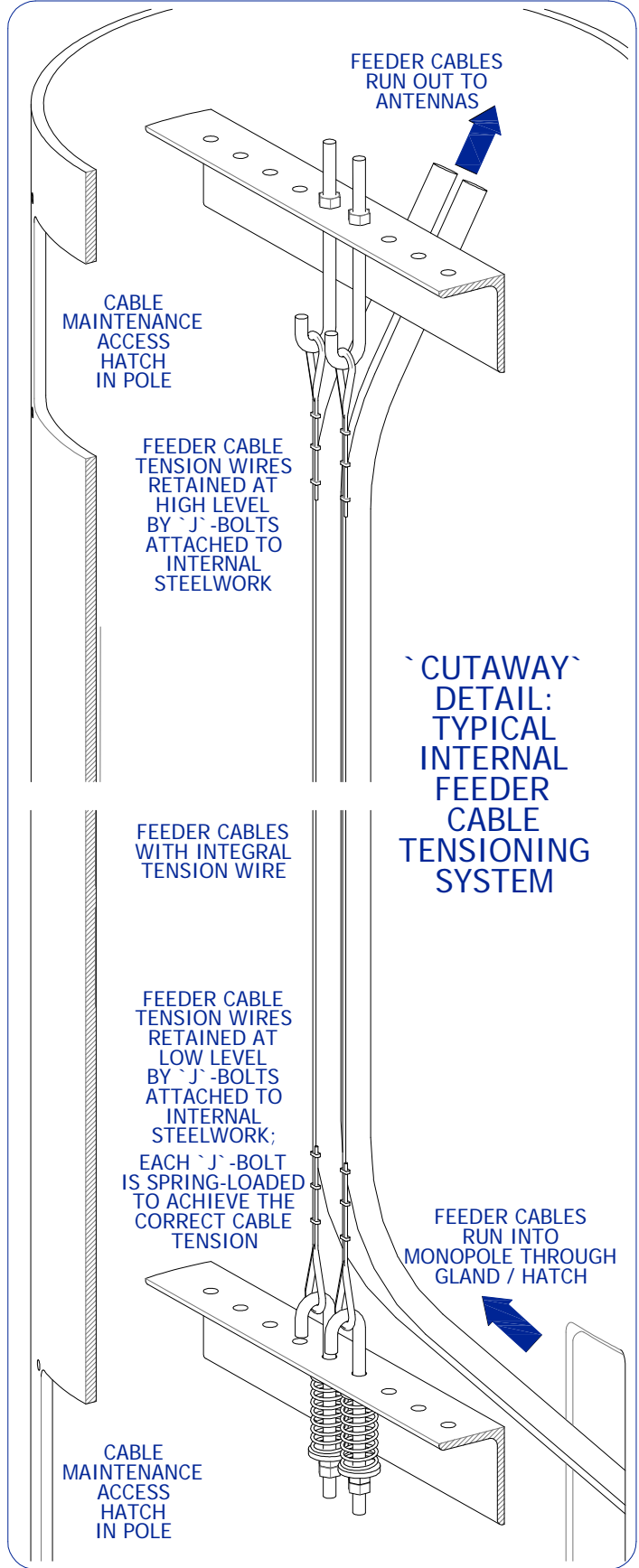
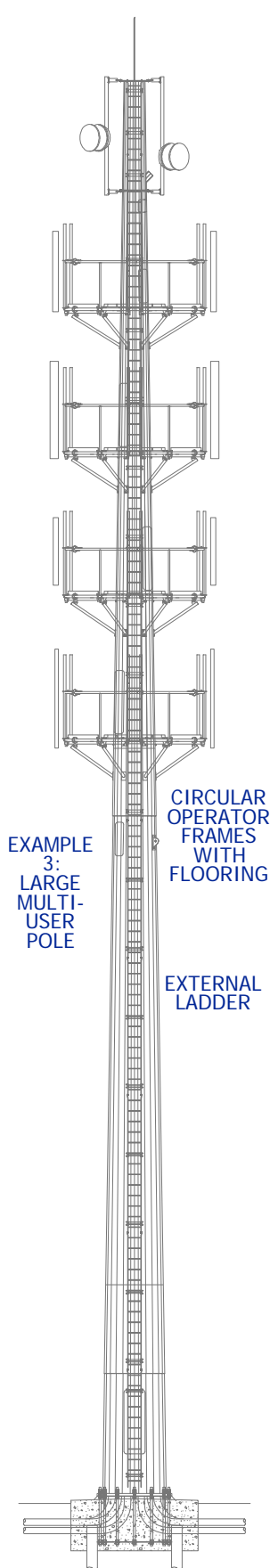
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STRUCTURES DATASHEET

POLYGONAL MONOPOLES - Range



TYPICAL LOADING ON 2-USER MONOPOLE: SECTORS, DISHES & AMPLIFIER UNITS



Datasheet Number SDS_MONO_001 Rev.A

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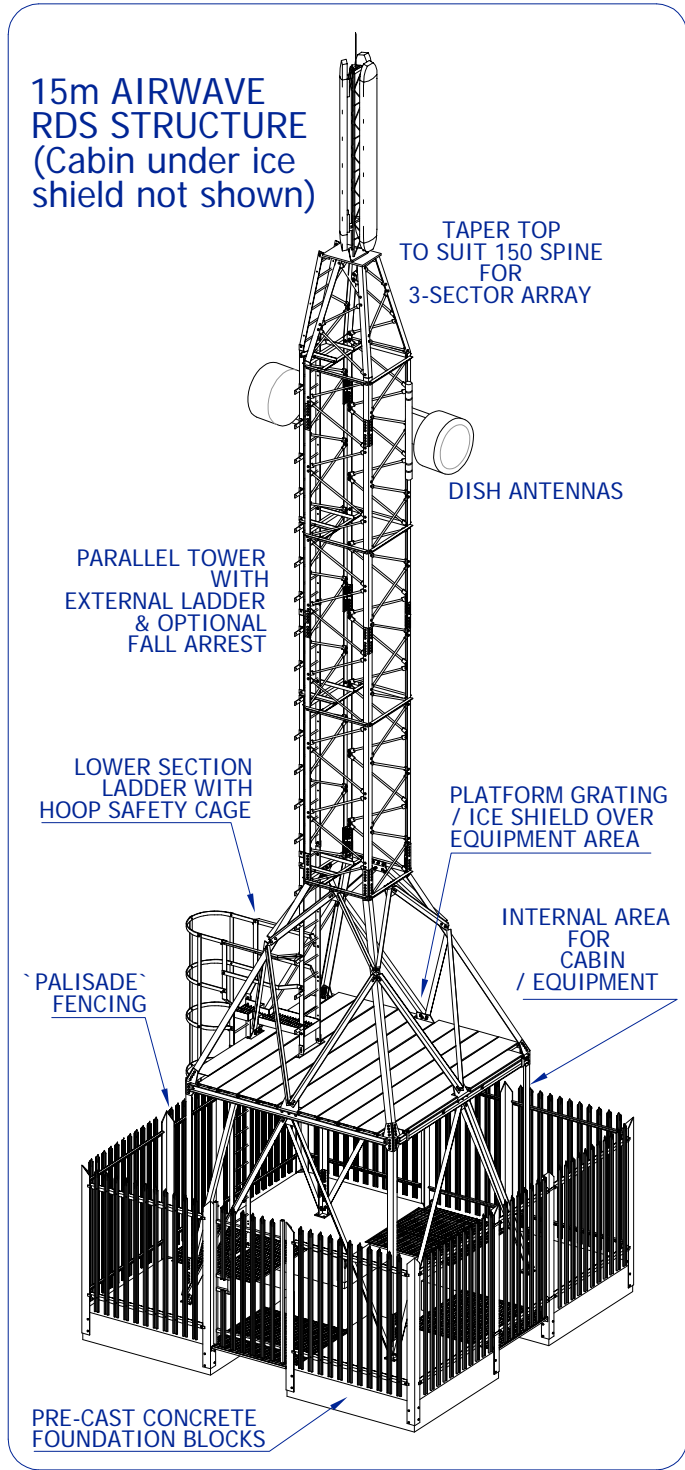
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STRUCTURES DATASHEET

RDS-CB/SSL - Product Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	RAPID DEPLOYMENT SOLUTION
MAIN APPLICATION	CELLULAR
PLAN SHAPE	SQUARE
ELEVATION SHAPE	PARALLEL WITH TAPER BASE
MAXIMUM BUILD HEIGHT	15m
FACEWIDTH	TOP = 1000mm, BASE = 3250mm
PLATFORM SPACING	PLATFORM OVER CABIN
ACCESS CONFIGURATION	EXTERNAL LADDER
LEG SECTION	ANGLE
BRACE SECTION	ROD / ANGLE
DESIGN STEEL GRADE	S275
TYPICAL LOADING	3-SECTOR ARRAY, 2 x 0.6m DISHES
SITESHARE CAPACITY	YES
UTILISED DESIGN CODES	BS.8100: 30m/s WINDSPEED
MIN. GBP REQUIREMENT	40 kN/m ²
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

- Quick to erect, with minimal ground preparation.
- Small area requirement as equipment is contained within the structure.
- Equipment held in a secure and sheltered environment.
- Relocatable, with 100% re-use of structure.
- Rod braces give low visual impact & maximise internal space.

PRODUCT DESCRIPTION

Designed specifically as a Rapid Deployment Solution for cellular applications, the RDS-CB/SSL is angle and bar bolted construction which achieves a light and stiff, simple to assemble structure which can be transported to site in modular or piecemeal form.

Ground preparation is minimal, with no additional excavation requirement for fencing or equipment. Cables and services are contained within the base.

All this ensures that the customer's 'time to air' is reduced dramatically when compared with traditional cell site construction, with the added benefit of easy relocatability.

Datasheet Number SDS_RDS_SSL_001 Rev.B

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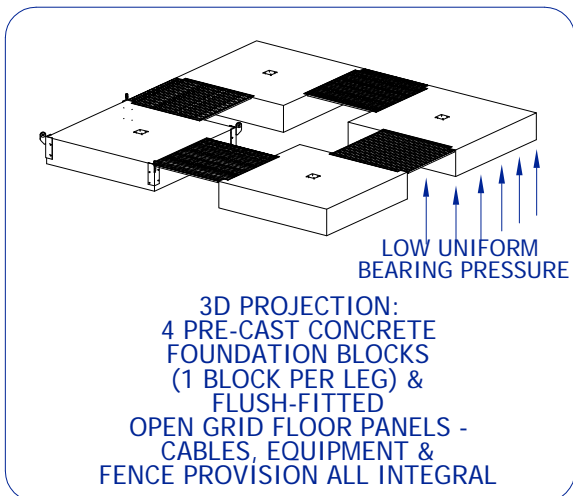
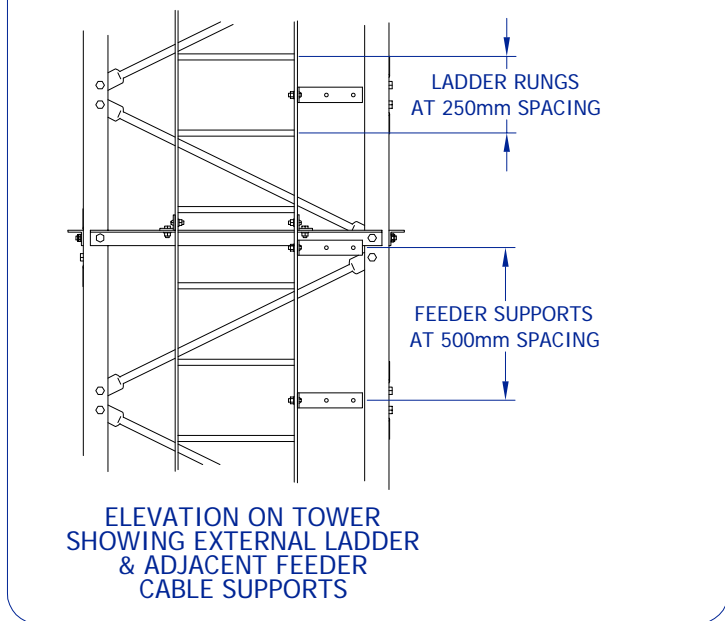
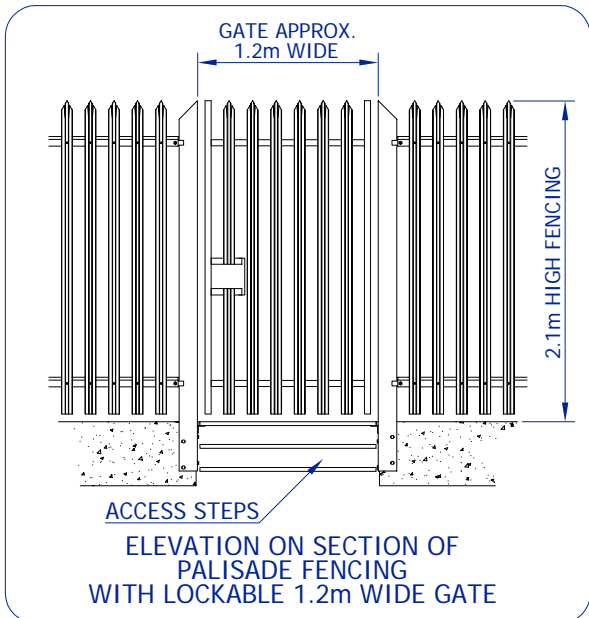
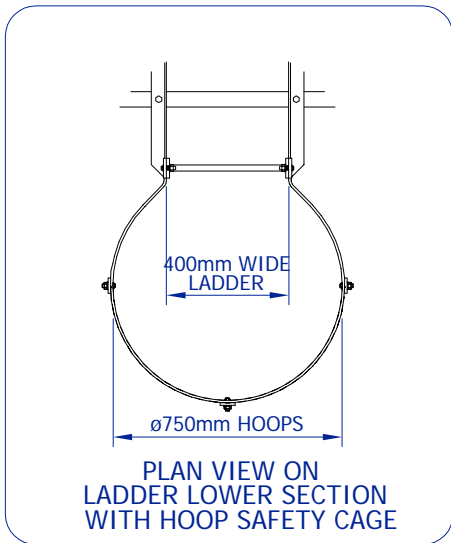
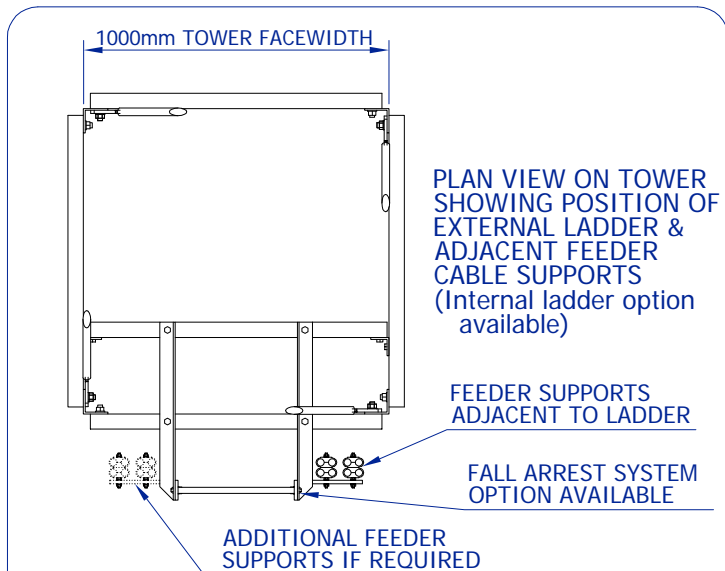
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STRUCTURES DATASHEET

RDS-CB/SSL - Features



Datasheet Number SDS_RDS_SSL_001 Rev.B

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STRUCTURES DATASHEET

SCREWPILE SITES - Product Overview



SITE AREA TOPSOIL IS CLEARED & POSITIONS FOR HELICAL PILES MARKED

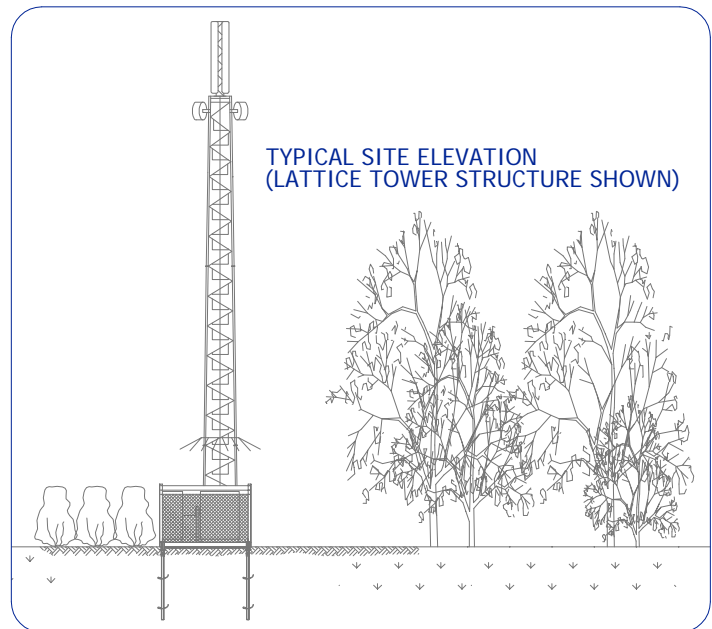
HELICAL PILES ARE DRIVEN INTO GROUND



GRILLAGE IS PLACED ONTO PILES, & FENCE, FLOORING, STRUCTURE & CABINETS FITTED (LATTICE TOWER STRUCTURE SHOWN)

STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	RAPID DEPLOYMENT
MAIN APPLICATION	CELLULAR
DESIGN STEEL GRADE	VARIES
SITESHARE CAPACITY	YES
UTILISED DESIGN CODES	BS.8100
TYPICAL LOADING	MULTI-USER CELLULAR, MULTI-USER MICROWAVE
FINISH	GALVANISED TO BS.EN.ISO.1461
ATTRIBUTES	
Quick to erect, with minimal ground preparation, giving significantly shorter time to `on-air` than conventionally based structures.	
Significant cost savings over traditional concrete foundations.	
All-steel structure with no requirement for concrete	
Grillage base supports tower and all equipment.	
Equipment held in an integral fenced compound.	
Relocatable, with 100% re-use of structure.	



PRODUCT DESCRIPTION

The Alan Dick Screwpile solution has been developed to provide a `quick to erect` modular solution for smaller cellular sites; The steelwork grillage assembly is designed to be installed, rigged and `on air` within 2 to 3 days. A range of structure types and heights can be accommodated; Screwpile grillages are designed to accept the following:

- AD703 Lattice towers - up to 20m in height
- AD1003 Lattice towers - up to 22.5m in height
- Slimline monopole structures - up to 22.5m in height

Datasheet Number SDS_SPG_001 - Rev.C

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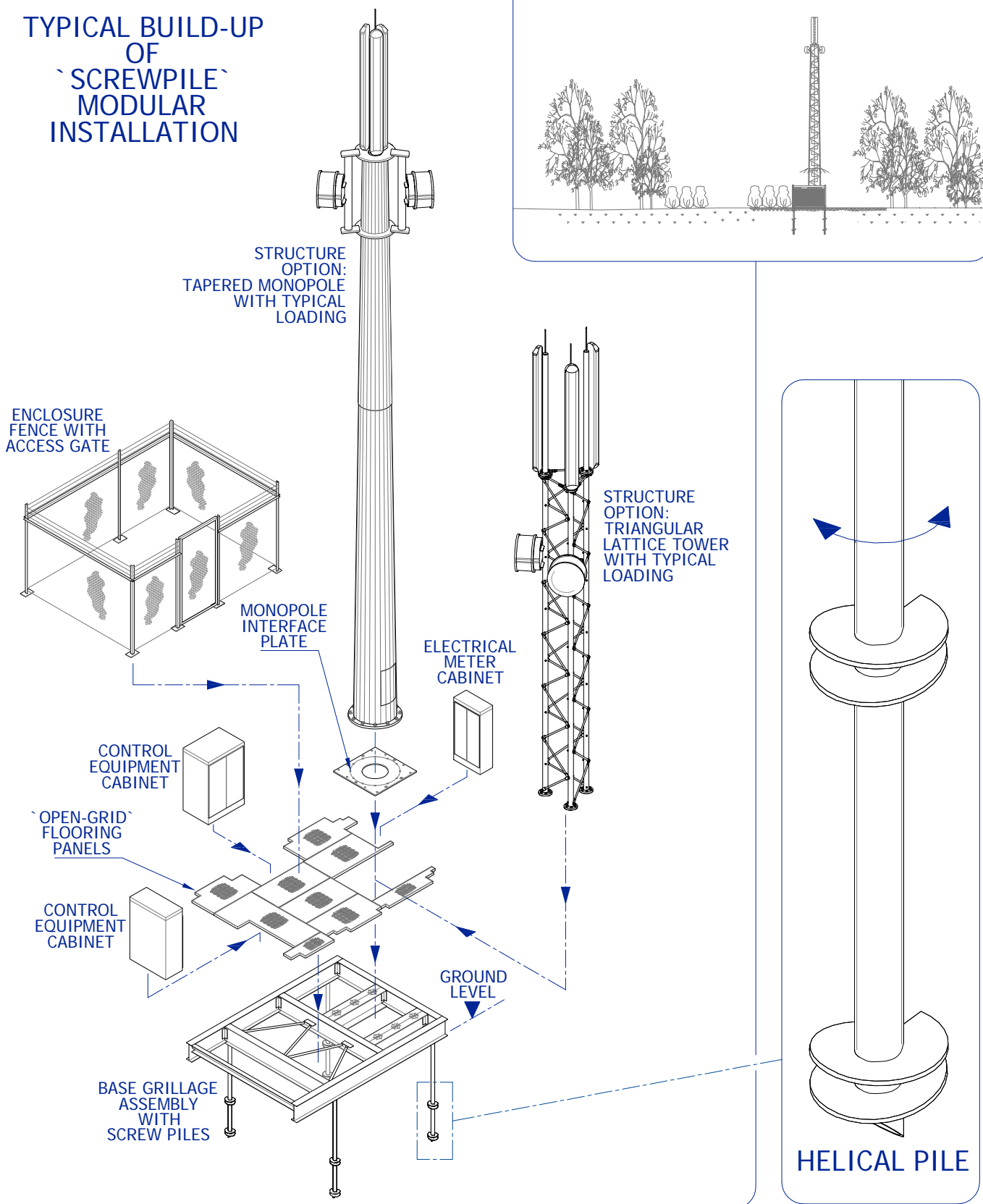
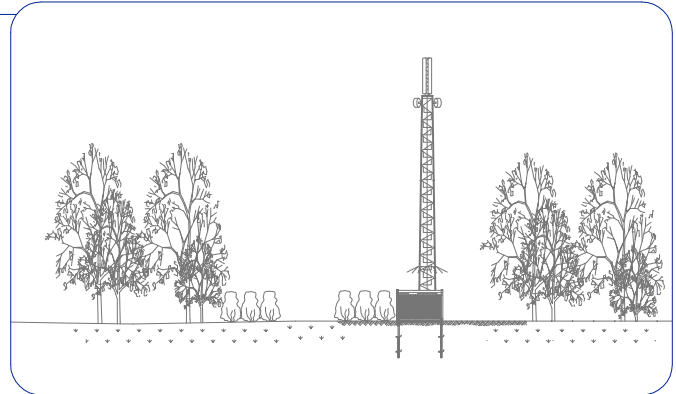
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STRUCTURES DATASHEET

SCREWPILE SITES - Product Overview



TYPICAL BUILD-UP OF 'SCREWPILE' MODULAR INSTALLATION



Datasheet Number SDS_SPG_001 - Rev.C

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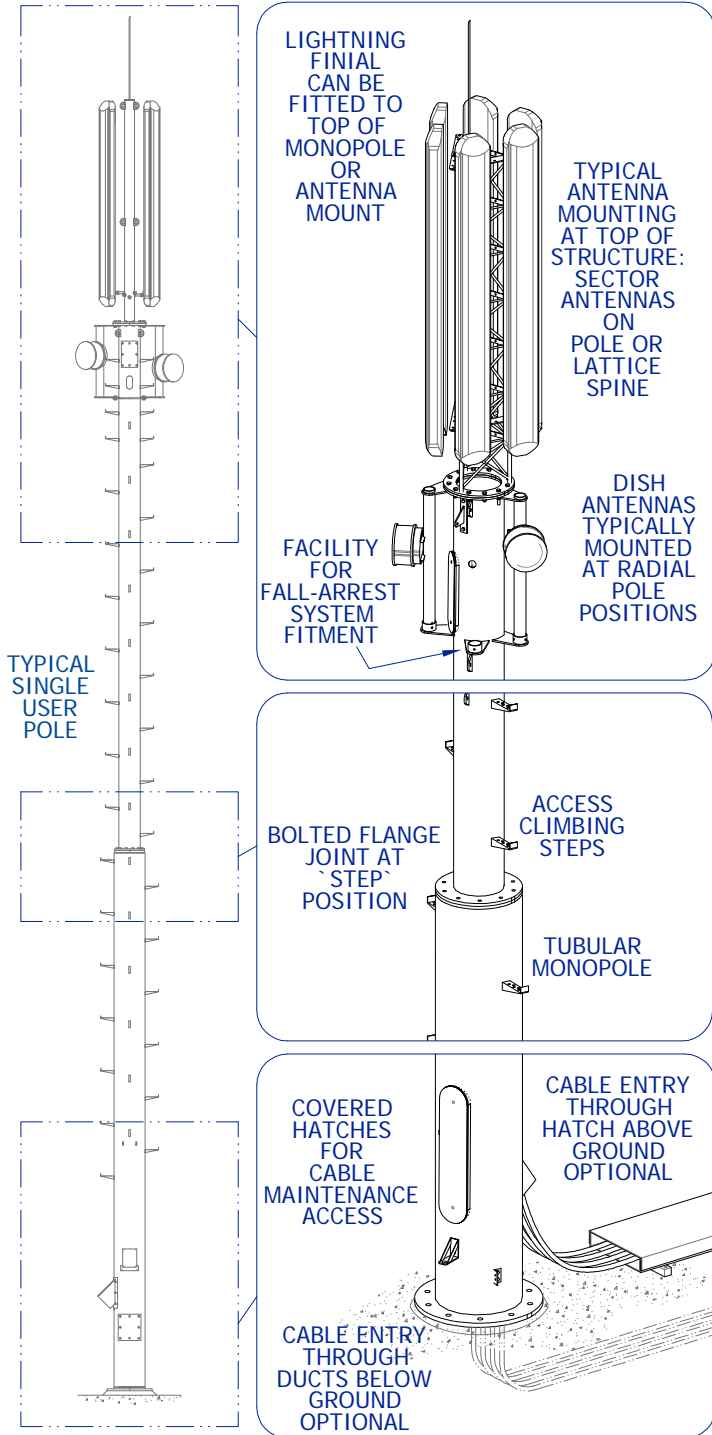
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STRUCTURES DATASHEET

TUBULAR MONOPOLES - Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	MONOPOLE
MAIN APPLICATION	CELLULAR & LIGHT MICROWAVE
PLAN SHAPE	ROUND
ELEVATION SHAPE	STEPPED
MAXIMUM BUILD HEIGHT	30m GENERALLY / 45m MAXIMUM
FACEWIDTH	VARIOUS
PLATFORM SPACING	N/A
ACCESS CONFIGURATION	EXTERNAL LADDER / CLIMB RUNGS
POLE CONSTRUCTION	WELDED TUBE
BRACE SECTION	N/A
DESIGN STEEL GRADE	S275 OR EQUIVALENT
TYPICAL LOADING	SINGLE or MULTI-USER CELLULAR / LIGHT MICROWAVE
UTILISED DESIGN CODES	CP3, BS.8100, EIA
FINISH	GALVANISED TO BS.EN.ISO.1461
ATTRIBUTES	<ul style="list-style-type: none"> Low visual impact due to smooth, feature-free construction High windspeed/loading ratio Discreet but accessible internal feeder cable management Quick to erect

PRODUCT DESCRIPTION

Alan Dick tubular monopole structures are a low-profile alternative to traditional lattice towers and masts.

Developed primarily as a low visual impact solution for the worldwide cellular market, this type of structure is ideally suited to carry Cross-Polar Antennas. Furthermore, designs also accommodate deflection criteria suitable for microwave links.

Structures are fully galvanised, including internal surfaces of tubular poles.

A comprehensive range of ancillary products is available for fitment to these structures, including anti-climb devices, fall-arrest devices, lightning protection systems and mounts for all types of cellular antennas. Cable management is invariably internal, reducing visual impact and wind area, and protecting cables and equipment.

Monopoles have proved to be popular with planning authorities, and continue to be employed on a widespread basis by worldwide cellular networks.

Datasheet Number SDS_MONO_002 Rev.A

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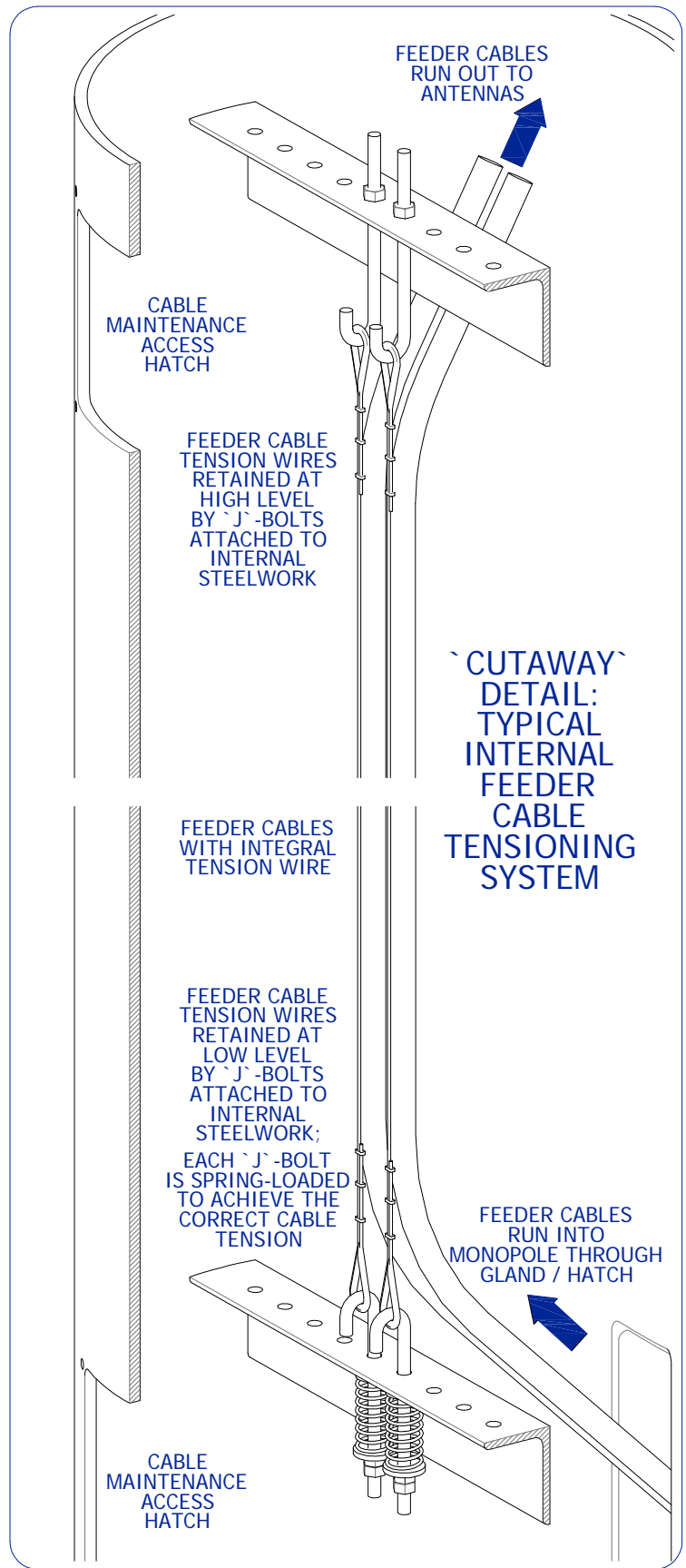
STRUCTURES DATASHEET TUBULAR MONOPOLES - Range



LARGE STEPPED
TUBULAR MONOPOLE
WITH
SURMOUNTED
ANTENNA FRAME,
EXTERNAL LADDER
& ANTI-CLIMB ARRAY



TYPICAL LOADING
ON 2-USER MONOPOLE:
SHOWING SECTOR ANTENNAS,
DISHS AND AMPLIFIER UNITS



Datasheet Number SDS_MONO_002 Rev.A

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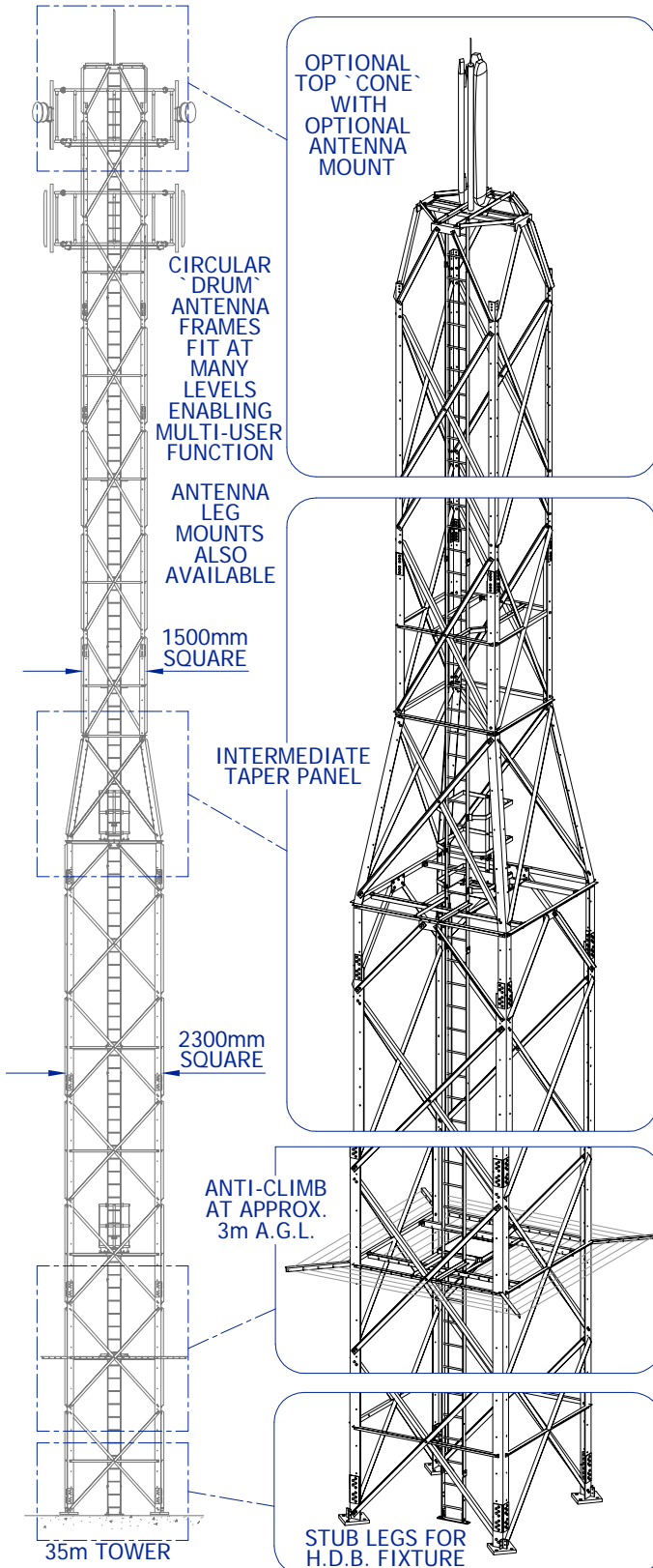
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STRUCTURES DATASHEET

SSPP TOWER - Product Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
MAIN APPLICATION	CELLULAR
PLAN SHAPE	SQUARE
ELEVATION SHAPE	STEPPED PARALLEL
MAXIMUM BUILD HEIGHT	35m
FACEWIDTH	TOP = 1500mm, BASE = 2300mm
PLATFORM SPACING	CUSTOMER OPTION
ACCESS CONFIGURATION	INTERNAL LADDER
LEG SECTION	ANGLE
BRACE SECTION	ANGLE
DESIGN STEEL GRADE	S275 & S355 OR EQUIVALENT
SITESHARE OPTION	YES
UTILISED DESIGN CODES	BS.8100
TYPICAL LOADING	MULTI-USER CELLULAR (DISHES & GSM on ANTENNA FRAMES)
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

- Upgradeable tower available in height range 15m to 35m
- Flexible antenna mountings
- Multiple `drum` antenna frame positions give multi-user functionality
- Safe working and maintenance environment

PRODUCT DESCRIPTION

The SSPP tower range has been designed specifically for operators demanding a high specification product with upgradeable capacity. The versatile `drum` antenna frames can be fitted at multiple positions, giving multi-user functionality whilst retaining a slim profile. A range of antenna leg mounts and tower top antenna poles are also available. Leg-mounted feeder management can be segregated between operators in order to attain easy installation and maintenance.

Datasheet Number SDS_SSPP_001 Rev.B

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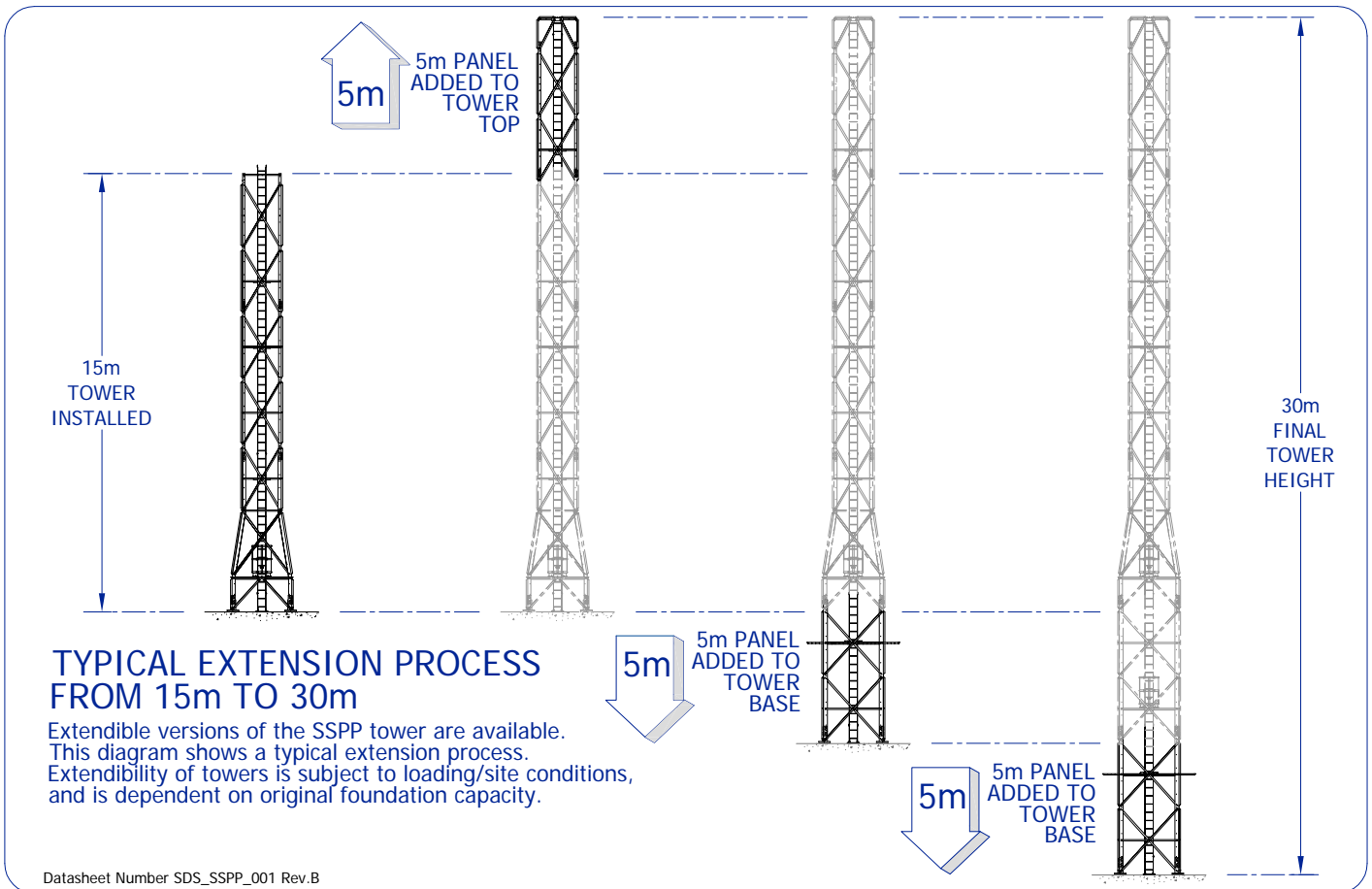
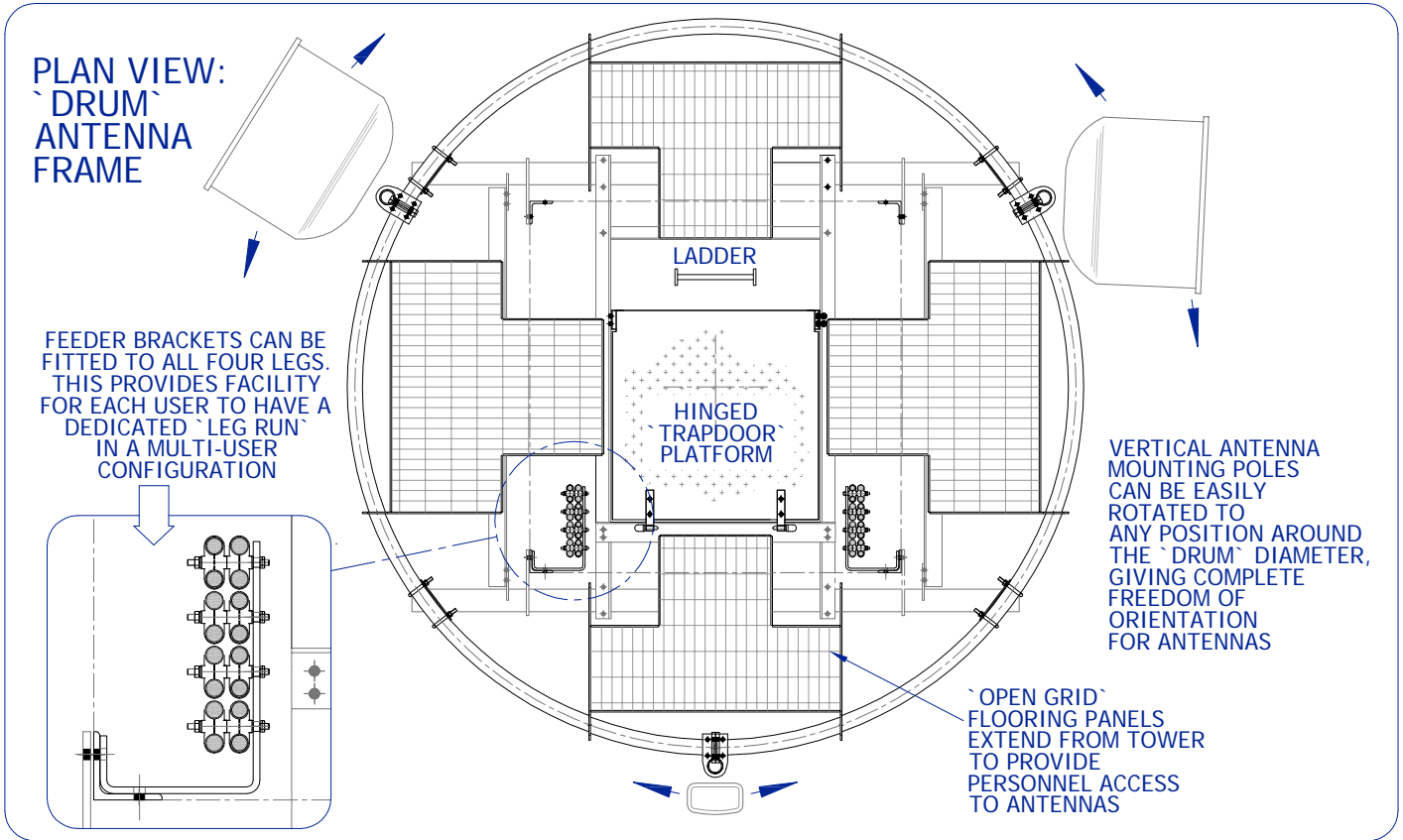
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STRUCTURES DATASHEET

SSPP TOWER - Features



Datasheet Number SDS_SSPP_001 Rev.B

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STRUCTURES DATASHEET

SSTT TOWER - Product Overview

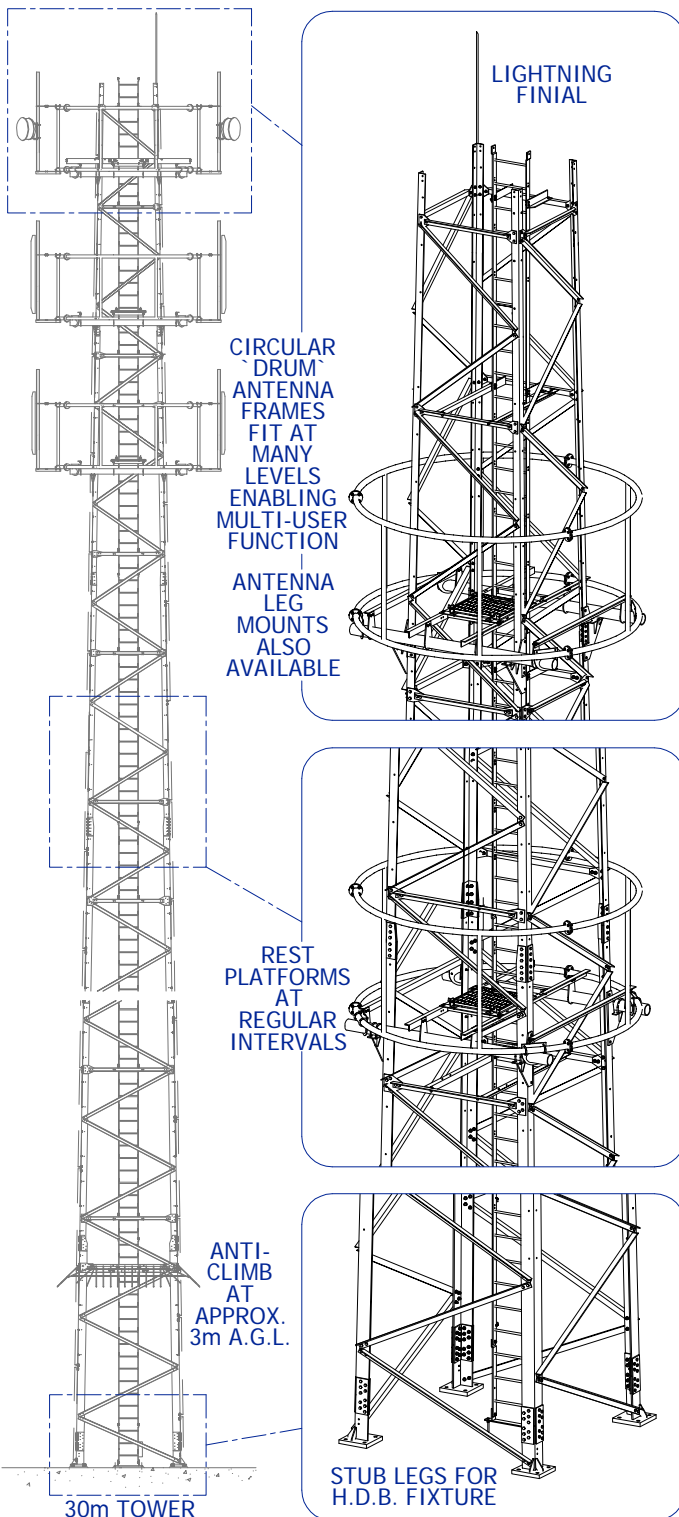


STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
MAIN APPLICATION	CELLULAR
PLAN SHAPE	SQUARE
ELEVATION SHAPE	TAPERED
MAXIMUM BUILD HEIGHT	30m
FACEWIDTH	TOP = 1180mm, BASE = 2140mm (30m TOWER)
PLATFORM SPACING	AT `DRUM` LEVELS
ACCESS CONFIGURATION	INTERNAL LADDER
LEG SECTION	ANGLE
BRACE SECTION	ANGLE
DESIGN STEEL GRADE	S275 & S355 OR EQUIVALENT
SITESHARE OPTION	YES
UTILISED DESIGN CODES	BS.8100
TYPICAL LOADING	MULTI-USER CELLULAR (DISHES & GSM on ANTENNA FRAMES)
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

- Upgradeable tower available in height range 15m to 30m
- Flexible antenna mountings
- Multiple `drum` antenna frame positions give multi-user functionality
- Safe working and maintenance environment
- Slim profile is favoured by planning authorities



PRODUCT DESCRIPTION

The SSTT tower range has been designed specifically for multi-user operation whilst maintaining a slim profile and upgradeable capacity. The versatile `drum` antenna frames can be fitted at multiple positions, giving multi-user functionality whilst retaining a slim profile. Leg-mounted feeder management can be segregated between operators in order to attain easy installation and maintenance. The structure is fully galvanised. Panel modules are 5 metres in height. A comprehensive range of ancillary products is available for fitment to this structure, including anti-climb devices, fall-arrest devices, lightning protection systems and mounts for all types of cellular antennas. The SSTT has proved to be popular with planning authorities, and continues to be employed on a widespread basis by cellular networks.

Datasheet Number SDS_SSTT_001 Rev.B

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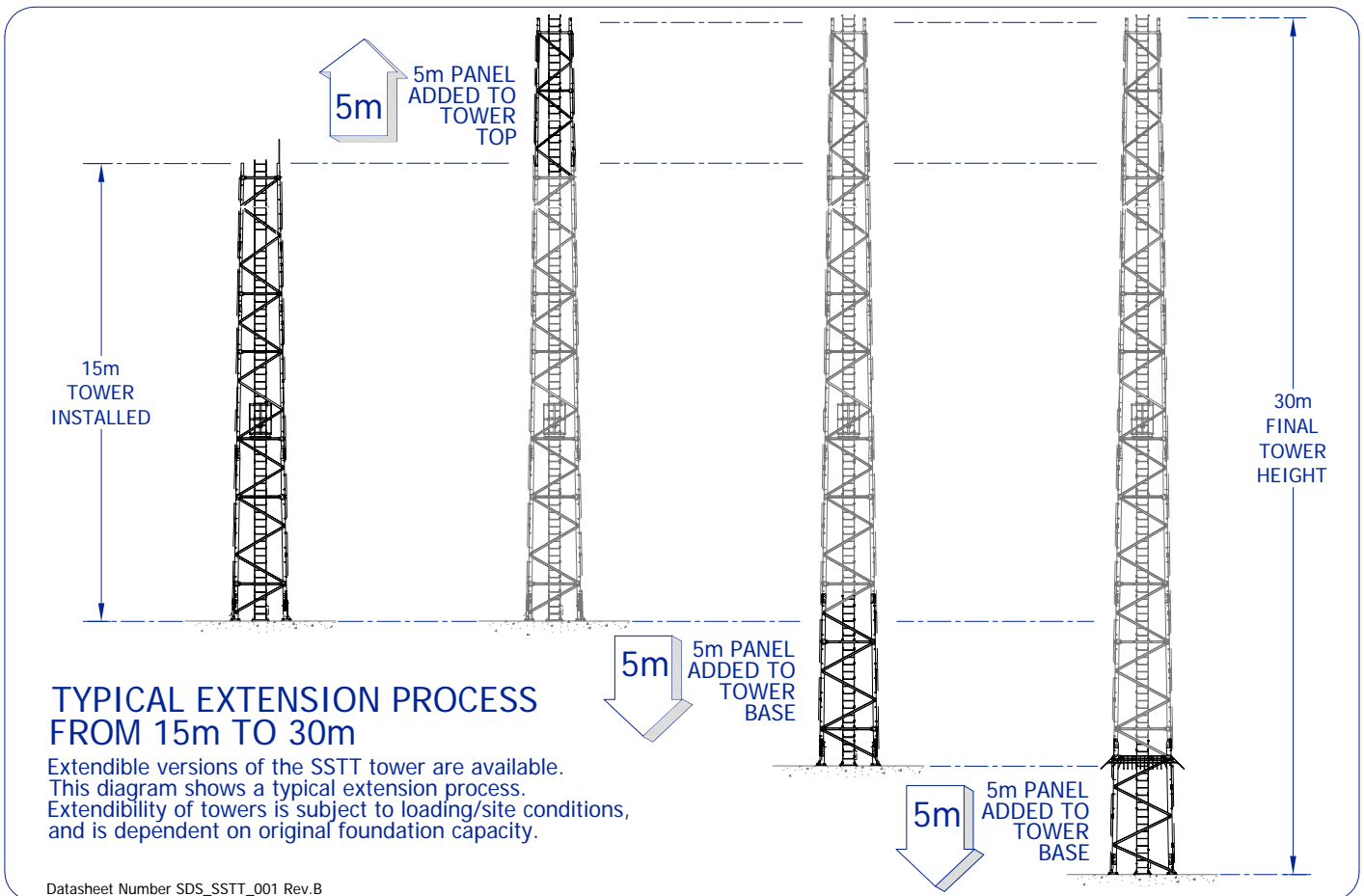
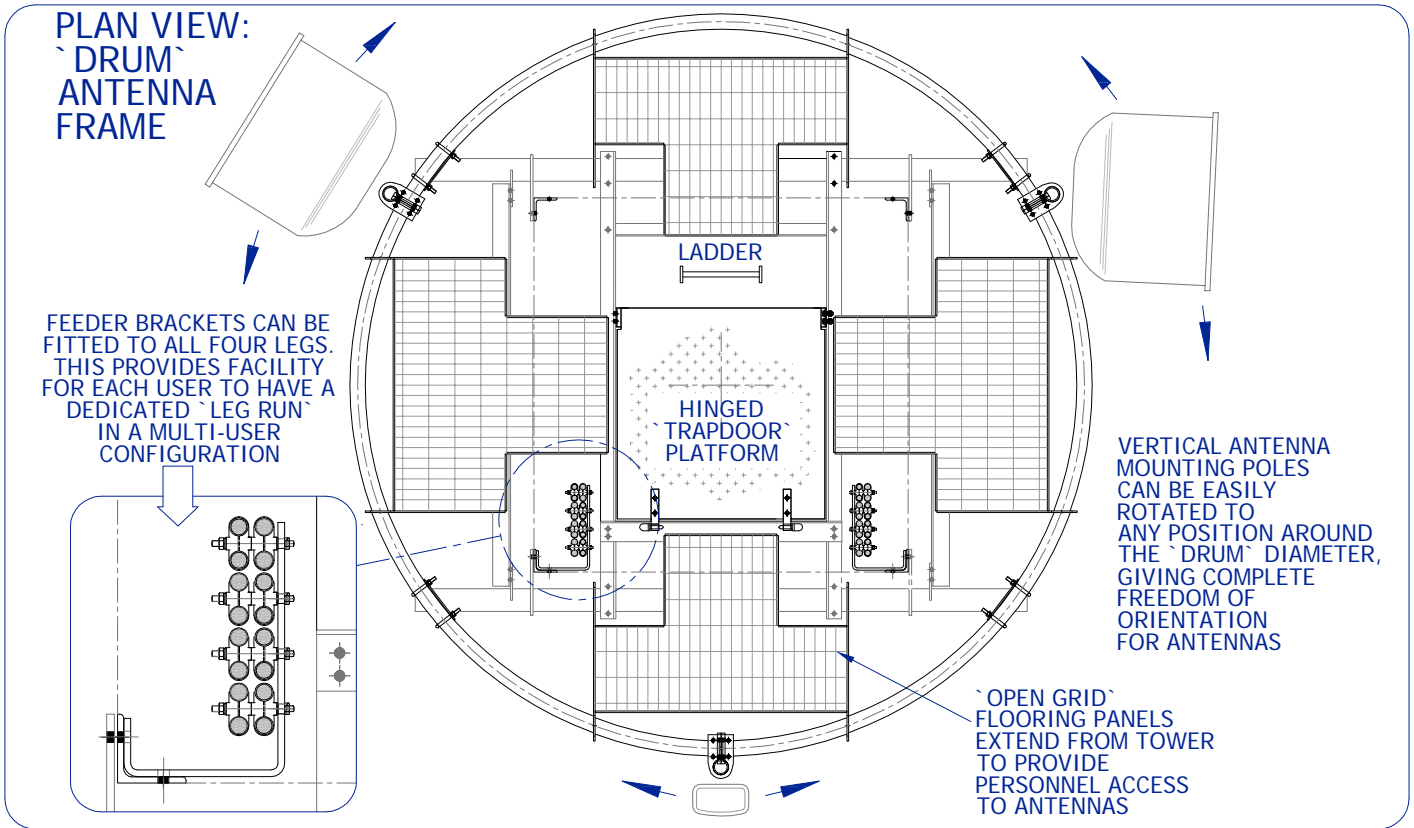
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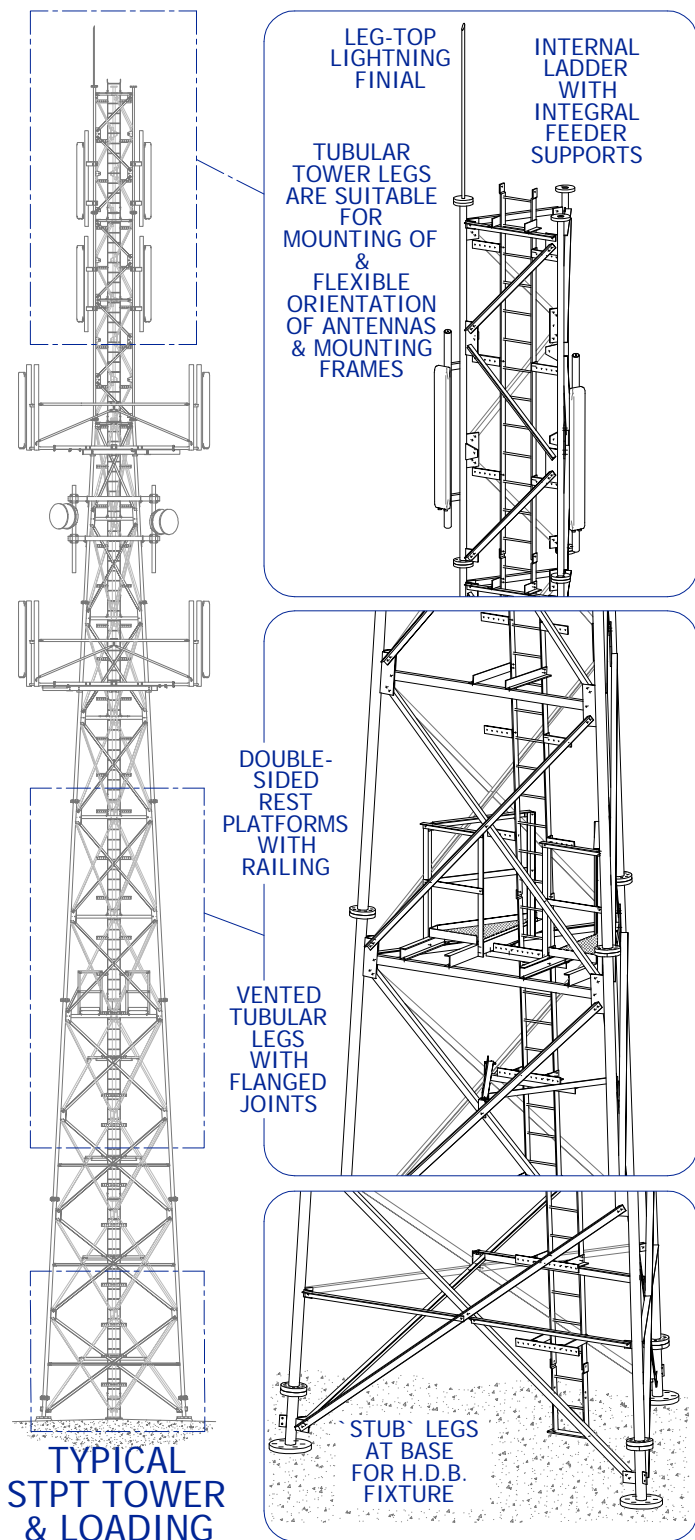
SSTT TOWER - Features



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STRUCTURES DATASHEET

STPT TOWER - Product Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
MAIN APPLICATION	CELLULAR / MICROWAVE / LIGHT BROADCAST
PLAN SHAPE	TRIANGULAR
ELEVATION SHAPE	TAPERED / PARALLEL TOP
MAXIMUM BUILD HEIGHT	45m
FACEWIDTH	980mm TOP, 5050mm BASE
PLATFORM SPACING	CUSTOMER OPTION
ACCESS CONFIGURATION	INTERNAL LADDER
LEG SECTION	TUBE
BRACE SECTION	ANGLE
DESIGN STEEL GRADE	S275 & S355 OR EQUIVALENT
SITESHARE OPTION	YES
UTILISED DESIGN CODES	BS.8100
TYPICAL LOADING	MULTI-USER CELLULAR / MICROWAVE or LIGHT BROADCAST
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

Aesthetic low-wind area structure - Ideal for cellular sitieshare or microwave applications

Favoured by planning authorities, as the triangular construction facilitates a slim profile in relation to tower height and load capacity.

High loading capacity for size

Tubular legs facilitate direct mounting of antennas - No specialised mounting steelwork required

PRODUCT DESCRIPTION

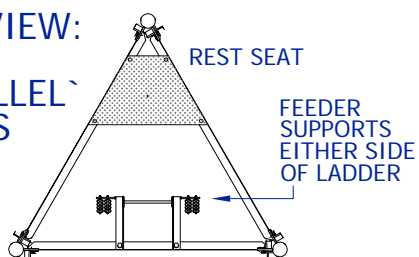
The STPT tower range has been developed primarily as a multi-user tower for cellular applications. However it is also well suited to microwave or light broadcast use. Its triangular construction facilitates both low wind area and low visual impact, whilst allowing high loading configurations. Tubular legs can provide facility for mounting antennas directly, without requirement for traditional mounting poles and brackets.

The structure is fully galvanised, including the internal surfaces of its tubular members. Standard panel modules are 5m in height. A comprehensive range of ancillary products is available for fitment to this structure, including anti-climb devices, fall-arrest devices, lightning protection systems, additional feeder supports and alternative mounts for all types of cellular antennas.

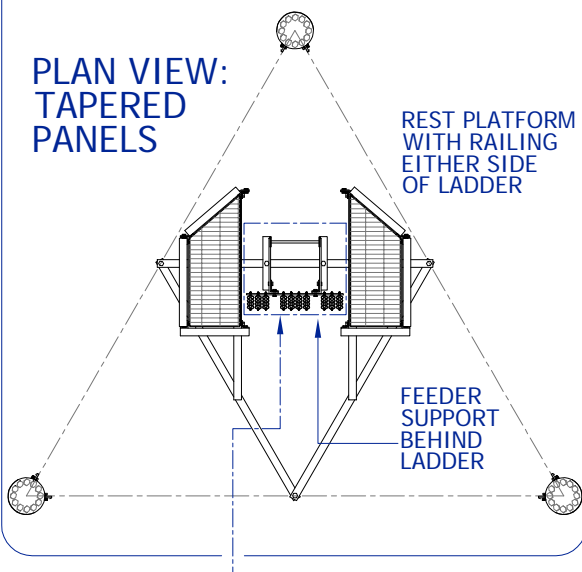
STRUCTURES DATASHEET

STPT TOWER - Features

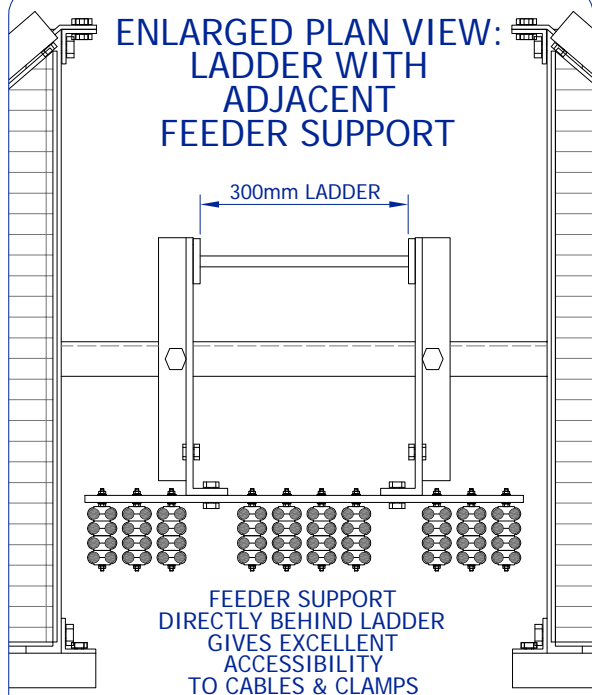
**PLAN VIEW:
TOP
`PARALLEL`
PANELS**



**PLAN VIEW:
TAPERED
PANELS**

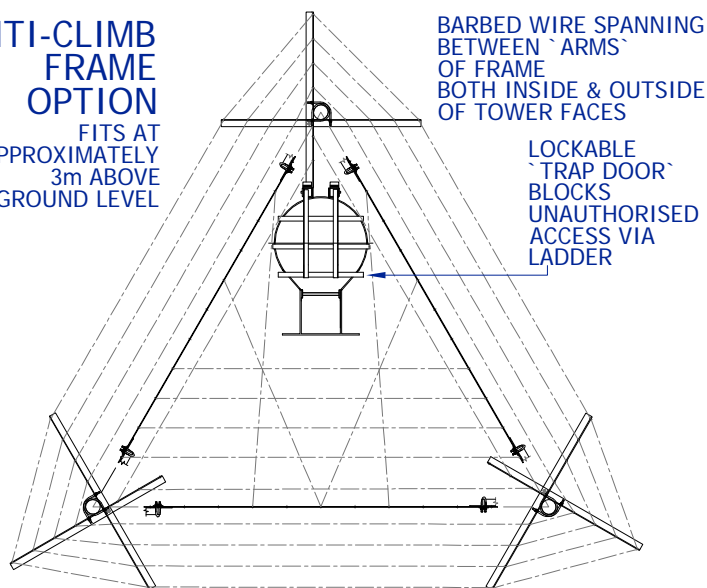


**ENLARGED PLAN VIEW:
LADDER WITH
ADJACENT
FEEDER SUPPORT**

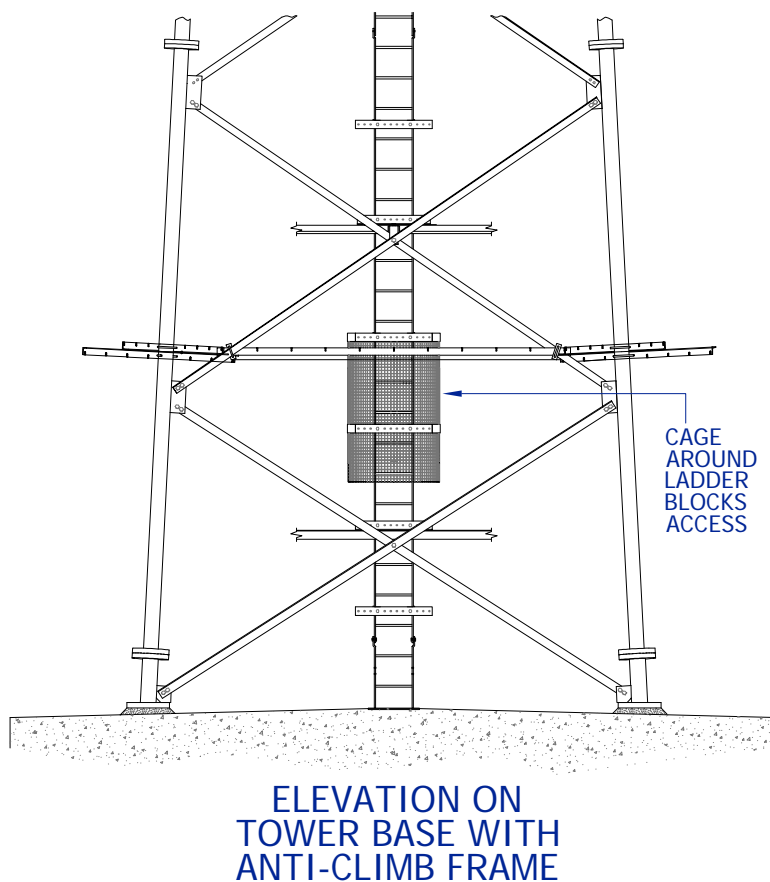


**ANTI-CLIMB
FRAME
OPTION**

FITS AT APPROXIMATELY 3m ABOVE GROUND LEVEL

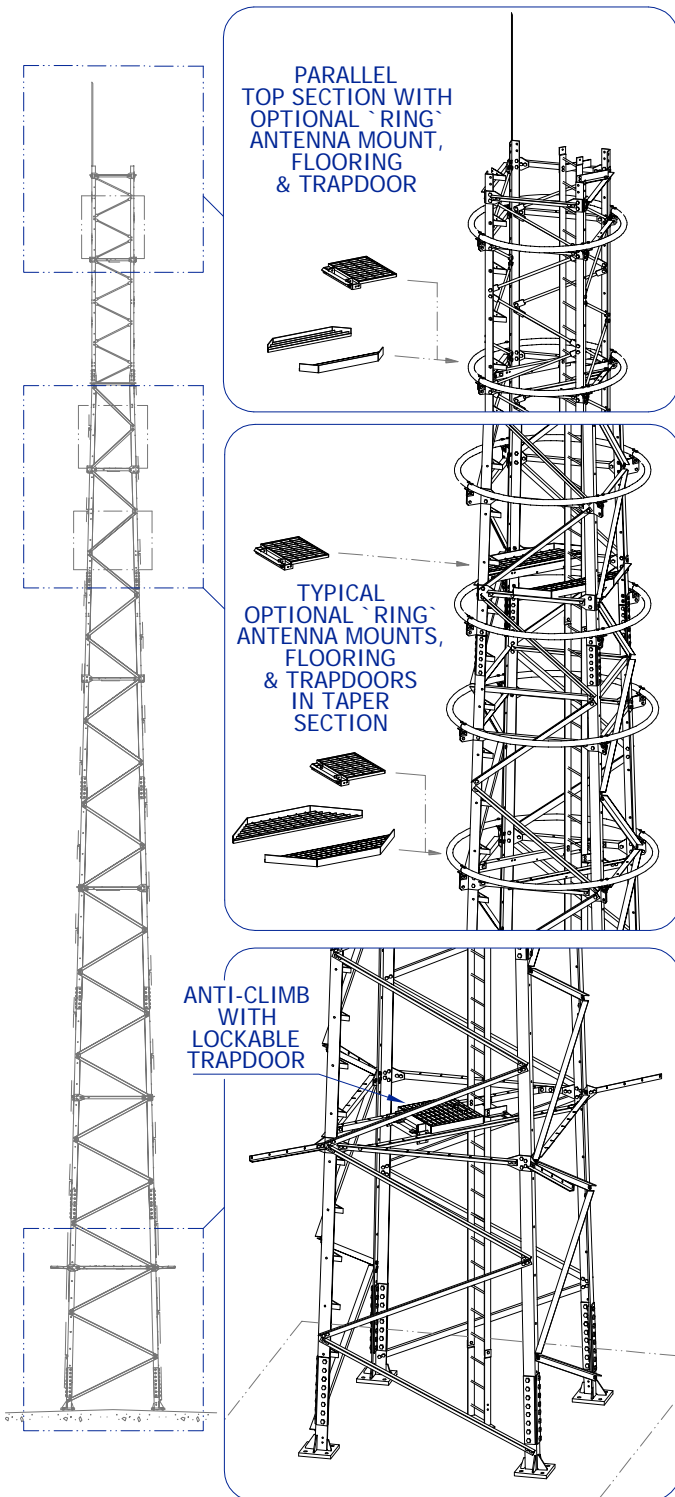


**PLAN ON
TOWER WITH
ANTI-CLIMB FRAME**



STRUCTURES DATASHEET

SSU TOWER - Product Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
MAIN APPLICATION	CELLULAR
PLAN SHAPE	SQUARE
ELEVATION SHAPE	TAPERED (WITH PARALLEL TOP)
MAXIMUM BUILD HEIGHT	35m
FACEWIDTH	TOP = 1000mm, BASE = 2213mm
PLATFORM SPACING	CUSTOMER OPTION
ACCESS CONFIGURATION	INTERNAL LADDER
LEG SECTION	ANGLE
BRACE SECTION	ANGLE and ROD
DESIGN STEEL GRADE	S275 OR EQUIVALENT
SITESHARE OPTION	YES
UTILISED DESIGN CODES	BS.8100
MIN. GBP REQUIREMENT	TO SITE REQUIREMENT
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

- Slim profile
- High loading capacity to size ratio
- Versatile, wind-efficient antenna mount kits
- Versatile platform kits

PRODUCT DESCRIPTION

The SSU has been designed as a low-visibility structure for cellular operators.

Tower panels, platform flooring, trapdoors and `ring` antenna mounts are supplied in modular form which allows customers to customise the tower features in many configurations.

A unique feature of the SSU is its integral `ring` antenna mounts. These fit tightly to the structure at pre-designated heights, giving multiple options for sitieshare loads, full 360° rotatability of sector and dish antennas, and keeping the overall profile of the structure to an absolute minimum. An additional `Delta-frame` option is available for fitting to the ring mounts where spacial diversity of antennas required.

Datasheet Number SDS_SSU_001 Rev.B

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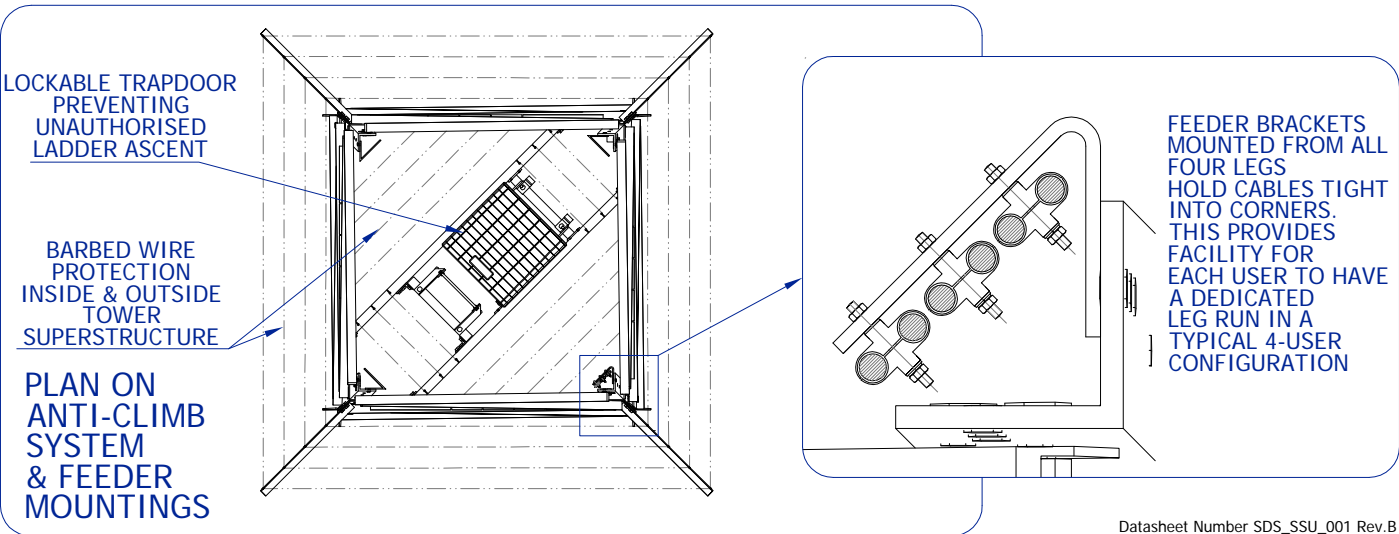
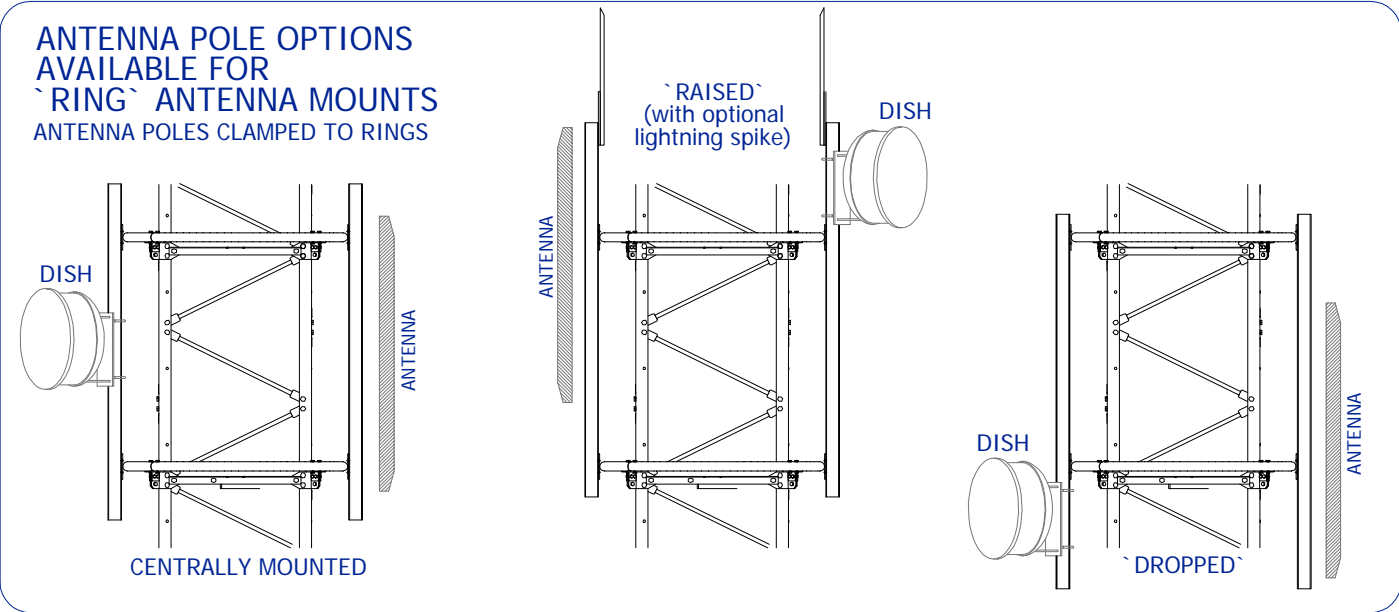
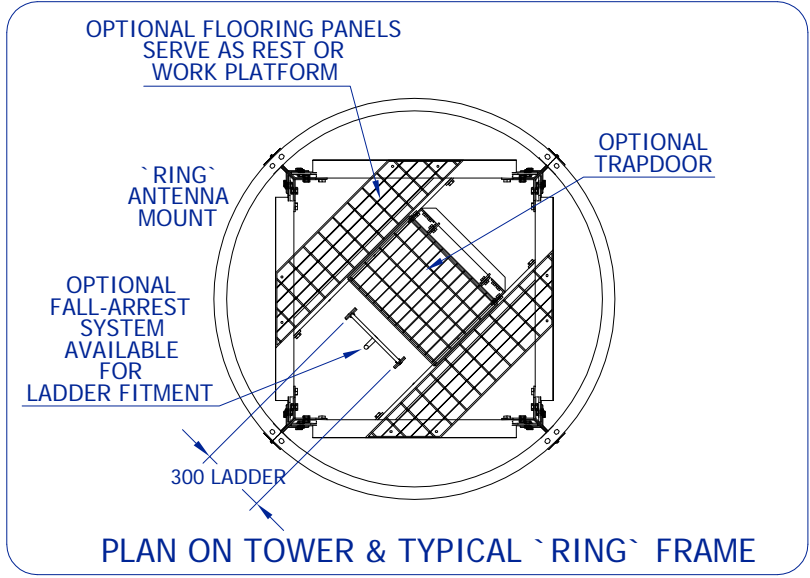
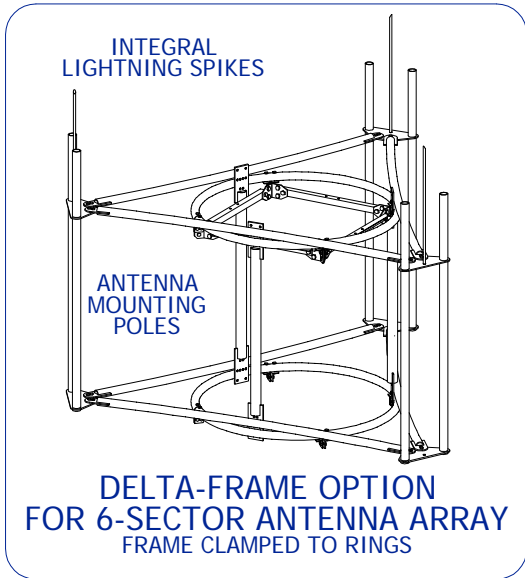
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STRUCTURES DATASHEET

SSU TOWER - Features



Datasheet Number SDS_SSU_001 Rev.B

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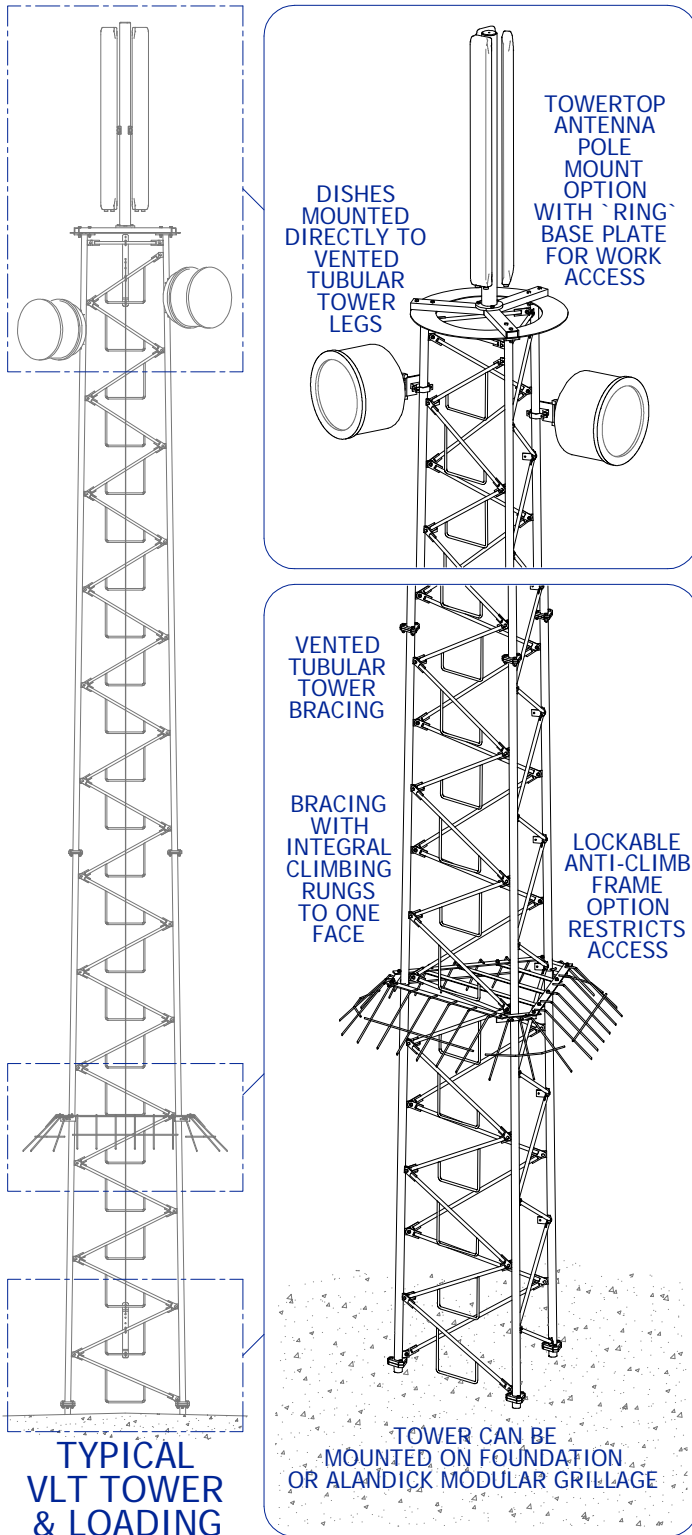
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STRUCTURES DATASHEET

VLT TOWER - Product Overview



STRUCTURE TECHNICAL SUMMARY

CLASSIFICATION	TOWER
MAIN APPLICATION	CELLULAR
PLAN SHAPE	TRIANGULAR
ELEVATION SHAPE	TAPERED
MAXIMUM BUILD HEIGHT	20m
FACEWIDTH	643mm TOP (20m TOWER), 1200mm BASE
PLATFORM SPACING	N/A
ACCESS CONFIGURATION	FACE CLIMBING RUNGS
LEG SECTION	TUBE
BRACE SECTION	TUBE
DESIGN STEEL GRADE	S275 & S355 OR EQUIVALENT
SITESHARE OPTION	NO
UTILISED DESIGN CODES	BS.8100
TYPICAL LOADING	SINGLE-USER CELLULAR
FINISH	GALVANISED TO BS.EN.ISO.1461

ATTRIBUTES

- Extremely lightweight efficient design for single-user applications
- Slim profile gives low visual impact
- Easy to transport and erect
- Ideal for installation on AlanDick modular base grillage units

PRODUCT DESCRIPTION

The AlanDick VLT is a low-profile triangular lattice tower developed primarily as a low visual impact solution for cellular markets. It provides an economic solution for single-user applications, and has the valuable ability to fit to AlanDick's rapid deployment modular grillages; The combination of a "no concrete" modular base and quick-build tower gives significant reduction in "time-to-air". The structure is fully galvanised, including the internal surfaces of its tubular steel legs. Panel modules range from 2.7m to 6m in height. A comprehensive range of ancillary products is available for fitment to this structure, including anti-climb devices, fall-arrest devices, lightning protection systems and mounts for all types of cellular antennas.

Datasheet Number SDS_VLT_001 Rev.A

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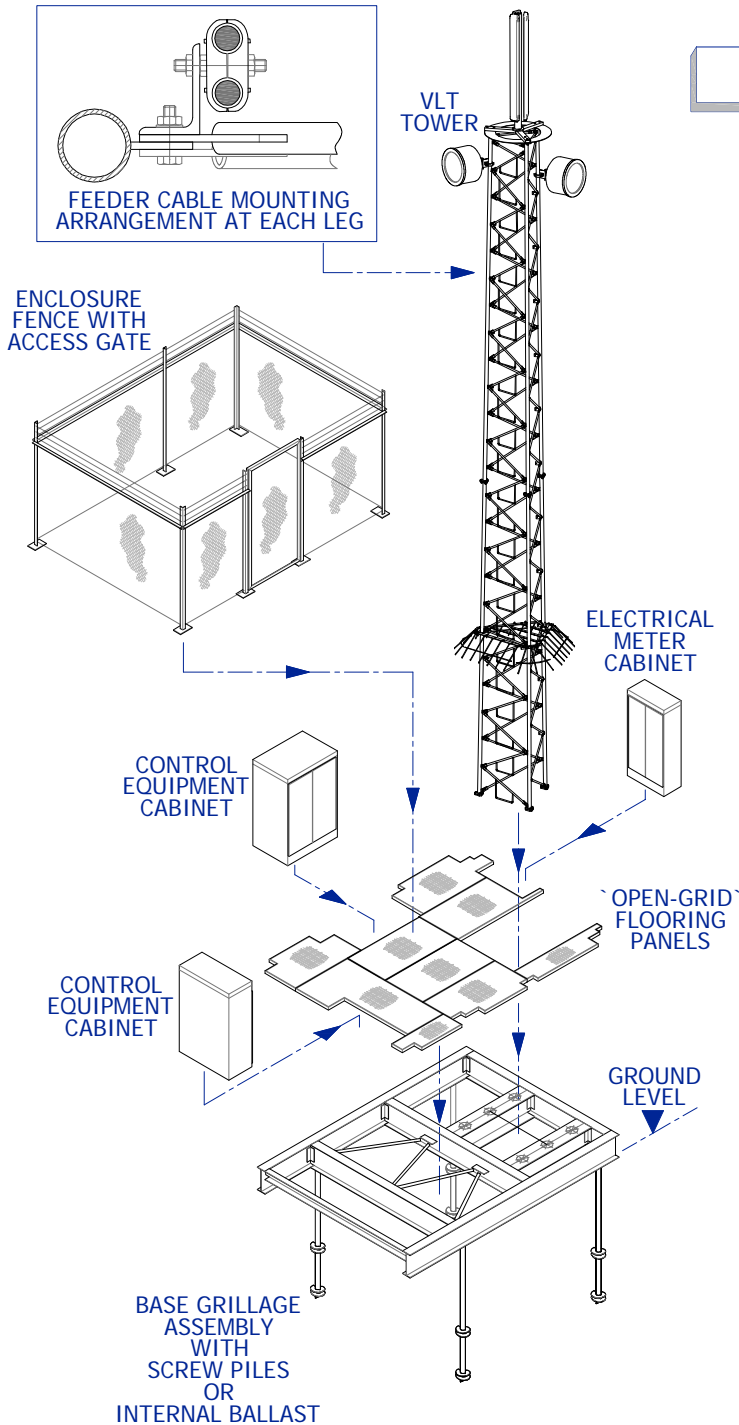
STRUCTURES DATASHEET

VLT TOWER - Features



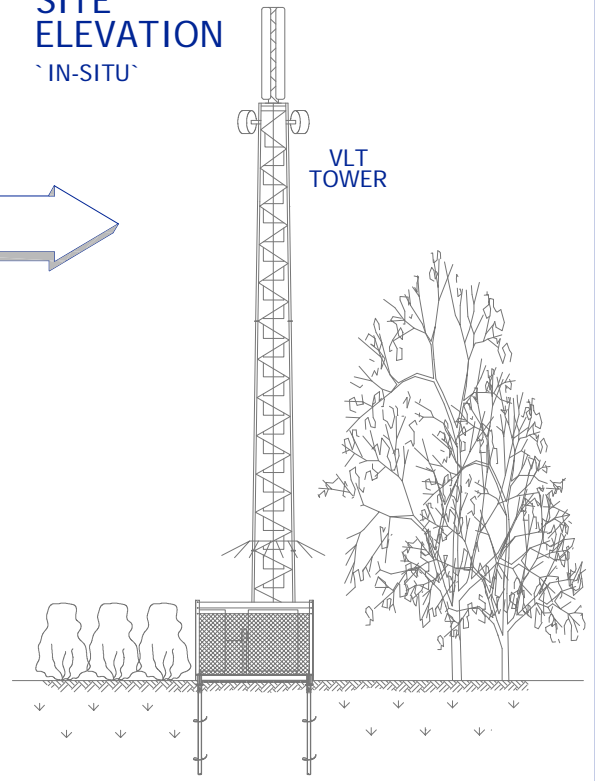
VLT TOWER & ALANDICK MODULAR INSTALLATION

SHOWN HERE IS A TYPICAL CONFIGURATION OF MODULAR SITE COMPONENTS



VLT MODULAR SITE ELEVATION

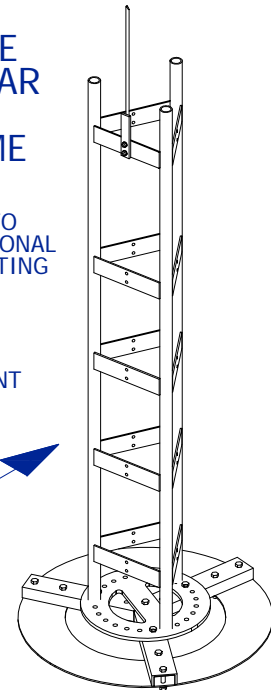
IN-SITU



ROTATABLE TRIANGULAR ANTENNA HEADFRAME OPTION

CAN BE ADDED TO PROVIDE ADDITIONAL ANTENNA MOUNTING FACILITY AT TOWER TOP

ANTENNAS MOUNT IN 3-AROUND PATTERN TO VERTICAL FACES



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